DOCUMENT RESUME

ED 204 208	SO 013 424
TITLE	Contractor Report: Museum Program Survey, 1979.
INSTITUTION	National Center for Education Statistics (DHEW), Washington, D.C.
REPORT NO	NCES-81-204
PUB DATE	Mar 81
CONTRACT	300-79-0668
NOTE	326p.: Not available from EDRS in paper copy due to poor reproducibility of tables throughout original document. Some pages may not reproduce clearly from EDRS in microfiche due to broken print type of tables.
EDRS PRICE	MF01 Plus Postage. PC Not Available from EDRS.
DESCRIPTORS	Educational Improvement; Facility Planning; Facility Requirements; Facility Utilization Research; Financial Support; *Museums; National Surveys; Professional Personnel; Program Effectiveness; Questionnaires; Statistical Surveys; Tables (Data)

ABSTRACT

A sample of 1,373 museums was selected to represent the total sample of 4,408 nonprofit museums in the 50 states and the District of Columbia. Museums in the sample were surveyed in 1979 by means of a survey questionnaire and informal interviews to provide data in five areas--finance, program, facilities, personnel, and museum priorities. For the purposes of the survey, a museum was defined as an institution organized on a permanent basis for essentially educational or aesthetic purposes that utilizes a staff, owns or uses tangible objects, and cares for these objects and exhibits them to the public on a regular basis. Highlights from survey findings include that approximately one-half of all nonprofit museums were primarily history museums, one-fifth were science museums, and an additional 14% were art museums. Findings also show that museums were fairly uniformly spread throughout the country; slightly over one-half of all museums had a membership program; almost half of museum operating income was earned and an estimated 14% of total operating income came from the Federal government; approximately two-thirds of all institutions had library facilities; slightly over one-half of all institutions had facilities for the physically handicapped; and approximately two-thirds of all museums had increasing educational roles, although the percentage of personnel devoted to educational responsibilities has remained substantially unchanged (approximately 9%) in recent years. As a priority, education ranked first, followed by exhibits, conservation, and research, respectively. The document concludes with a copy of the survey questionnaire and tables of data. (DB)

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Contractor Report

Museum Program Survey, 1979

SO 013 424

National Center for
Education Statistics

Museum Program Survey, 1979

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March 1981

Prepared for the National Center for Education Statistics under contract OE-300-79-0668 with the U.S. Department of Education. Contractors undertaking such projects are encouraged to express freely their professional judgment. This report, therefore, does not necessarily represent positions on policies of the Government and no official endorsement should be inferred. This report is released as received from the Contractor.

NCES 81 - 204

ACKNOWLEDGMENTS

Many people contributed generously to the design and implementation of the survey. In particular, special thanks are due to Ms. Helen Eckard, the NCES Project Officer, for her support and guidance throughout the project, and to Mr. Abe Frankel and Mr. Fred Fisher, both from NCES, for their assistance in selecting the sample and processing the data.

Thanks are due to the respondents from the sample museums and related institutions included in this study. Without their cooperation and effort to provide the required information, successful completion of the study would not have been possible.

Finally, appreciation is due to the following Macro Systems staff and consultants for their contributions to the study: Mr. Doug Hickman, statistical programming; Mr. Dhirendra Ghosh, sampling statistics; Ms. Nancy Csider, survey operations; Ms. Eddie Hyder, Ms. Linda McLaughlin, Ms. Debbie Candelora and Ms. Jackie Thompson, report preparation.

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HIGHLIGHTS

Characteristics Of The 1979 Nonprofit Museum Universe

- In 1979, approximately one-half of all nonprofit museums were primarily history museums, one-fifth were science museums, and an additional 14 percent were art museums. General museums, specialized museums, parks and visitor centers, and children's museums made up the balance.
- Over one-half of all nonprofit museums were controlled or governed by a private, nonprofit organization, and an additional one-third were controlled by government agencies.
- Museums were fairly uniformly spread throughout the country.
- Slightly over one-half of all museums had a membership program, and the majority of these programs enrolled fewer than 500 members.
- Total museum attendance rose by approximately 50 million visitors (16 percent) from 1975 to 1979, and total 1979 attendance was approximately 350 million visitors.

Finances

- Approximately one-third of all funds were expended on building and maintenance activities.
- Almost half (42 percent) of museum operating income was earned.
- Less than one-fourth of total operating income came from contributions and grants from non-government sources, i.e., foundations, corporations, individual contributions, and other sources.
- An estimated 14 percent of total operating income came from the Federal government, with degrees of Federal support ranging on the average from less than 5 percent for specialized museums to almost one-half of the museum's total operating income for parks and visitor centers.
- An indicator of the financial status of museums was obtained by subtracting total operating income from total operating expenditures; results showed that 53 percent of all museums broke even, 11 percent suffered a net loss, and 36 percent showed a net gain in 1979.
- Those museums that had a net loss had a greater median number of members and also had higher membership fees than those institutions that had a net gain or broke even.

- The mean number of staff of museums experiencing a net loss was approximately twice that of those experiencing a net gain.

- Approximately one-third of all museums were unable to absorb the impact of inflation without reducing the level of 1979 operations below that of the preceding year.

Educational Programs

- Approximately two-thirds of all museums had increasing educational roles, whereas only 2 percent had decreasing educational roles.

- Museums offered a wide variety of general educational activities; over one-half of all museums offered tours, demonstrations, special lectures, and films and other media programs for one or more types of participants.

- Approximately two-thirds of the total museums offered some type of specific program in fiscal year 1979.

- Less than one out of ten museums offered programs specifically designed to serve various ethnic audiences.

Facilities

- Only about one-fifth of all museums had facilities owned and/or operated by an entity other than the governing institution.

- Approximately two-thirds of all institutions had library facilities. Most of these had between 1 and 5,000 distinct book titles in their library.

- Slightly over one-half of all institutions had facilities for the physically handicapped.

Personnel

- An estimated two-fifths of the regular full-time museum personnel spent a majority of their time in either general administration or building and maintenance.

- The percentage of personnel devoted to educational responsibilities has remained substantially unchanged (approximately 9 percent) in recent years.

Priorities

- As a priority, education ranked first, followed by exhibits, conservation, and research, respectively.

I. INTRODUCTION

1. BACKGROUND AND PROCEDURE

Today's museums are facing a variety of problems that are common to many public service organizations: inflation and rising operating costs, increasing demands for services, decreasing private support, and increasing security needs. In response to many of these problems, Congress enacted the Museums Services Act on October 8, 1976, which established the Institute of Museum Services (IMS) within what was then the Department of Health, Education, and Welfare.[1/] The purpose of IMS, as mandated by Congress, is:

> to encourage and assist museums in their educational role in conjunction with formal systems of elementary, secondary and postsecondary education and with programs of non-formal education for all age groups; to assist museums in modernizing their methods and facilities so that they may be better able to conserve our cultural, historic, and scientific heritage; and to ease the financial burden borne by museums as a result of their increasing use by the public. (20 U.S.C. 916-968)

To achieve these purposes, IMS is authorized to award grants to museums for such activities as:

- Developing and maintaining professionally trained and experienced staff
- Meeting administrative costs associated with preservation, exhibition, and education
- Cooperating with other museums to develop traveling exhibitions, meeting transportation costs, and identifying and locating collections available for loan
- Conserving artifacts and art objects
- Developing and carrying out special programs for certain segments of the public, such as programs for urban neighborhoods, rural areas, Indian reservations, and penal and other State institutions

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[1/] IMS later became part of the Department of Education.

IMS funding is guided by the policy directions of the National Museum Services Board. In order to develop general policies concerning the powers, duties, and authorities vested in IMS, the National Museum Services Board must have current information concerning the programs and needs of museums.

Initially, the National Museum Services Board and IMS had little current and comprehensive data on the situation in the museum field.[2] Therefore, they requested the National Center for Education Statistics (NCES) to conduct a comprehensive survey of all institutions in the nation that met the definition of a museum in 1978.[3] The purpose of the 1978 survey was to assemble, for the first time, a comprehensive database of the complete museum universe in the United States and to provide a descriptive analysis of a few key characteristics of museums. The data collected included: an updated name and address, identification of key management, current telephone number, control of institution, type of institution, year chartered, number of employees, weeks open per year, annual attendance, and current operating expenditures during the reporting year (total and museum function only). Appendix A contains a copy of the 1978 universe survey form. The 1978 universe survey provided the sampling frame for conducting an in-depth sample survey of the 1979 museum universe discussed in this report.

A sample of 1,373 nonprofit museums in 50 States and the District of Columbia was taken from the universe of 4,580[4] nonprofit museums. For the purposes of this survey, a museum was defined as an institution organized on a permanent basis for essentially educational or aesthetic purposes and that utilizes a staff; owns or uses tangible objects, whether animate or inanimate; cares for these objects; and exhibits them to the public on a regular basis. Museum directors were requested to complete a detailed mail survey form concerning their institutions (see Appendix A for cover letter and form). A response rate of 94 percent was achieved. Twenty-one sampled museums were determined to be not yet open to the public, three were permanently closed, and five did not meet the definition of a museum. These last three categories were estimated to comprise approximately 172 museums in the 1978 universe. Thus, approximately 4,408

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[2] The first and only comprehensive survey of all types of museums in the United States, which was conducted by the National Endowment for the Arts and reported in Museums USA 1974, was based on data from only 728 institutions for FY 1971-72. Since then, no surveys have gathered similar information from such a wide variety of institutions.

[3] A museum is defined as "an institution organized on a permanent basis for essentially educational or aesthetic purposes, which, utilizing a staff, owns or uses tangible objects, whether animate or inanimate, cares for these objects and exhibits them to the public on a regular basis."

[4] In the course of the survey, 49 duplicate institutions (i.e., same museum with different names, addresses, etc., or group of museums owned and/or operated by an umbrella agency) were identified in the universe and the original universe size of 4,629 was appropriately adjusted (4,580).

(4,580 - 172) nonprofit museums were estimated to be open to the public in 1979. The survey data from the sampled respondents analyzed in this report were weighted so as to represent these museums.

2. ISSUES ADDRESSED

The survey analyses address five key issue aspects of museums: financial, program, facilities, personnel, and museum priorities. Many of these issues were identified or crystallized in a formative evaluation of the 1979 survey instrument carried out prior to the conduct of the survey.[5] Informal interviews were carried out with a number of museum directors in late spring of 1979 to discuss issues and information needs facing museums.

(1) Financial Concerns (Chapter III)

Museums appear to be facing financial difficulties as the result of a variety of forces. Inflation has led to rising operating costs and has caused increased difficulty in obtaining private support. Increasing demand for museum services has resulted in greater security needs and, thus, enhanced capital requirements. The increasing demand has also created the context for increasing dependence on Federal funds, but this support has also brought with it the costs associated with compliance with Federal regulations. One current example of the costs associated with Federal support is the cost of complying with regulations concerning provisions for handicapped persons, as outlined in Section 504 of the Rehabilitation Act of 1973.

Several outcomes are associated with the financial difficulties of museums, but of greatest concern is potential reduction in museum services. This service reduction may result directly from financial problems, or it may be related to a decrease in staff with specialized training. To overcome financial problems, institutions may respond by hiring more staff with business management skills and fewer staff with museum skills. Or the institutions may increase user fees, which can, in turn, lead to a reduction in the accessibility of services to certain population groups.

The following questions relating to financial concerns of museums in 1979 are addressed in this study:

- What was the demand for museum services?
- What was the level of private support of museums?
- What was the level of Federal support?

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[5] Russ-Eft, Darlene. Formative Evaluation of the 1979 Museum Survey Form, Statistical Analysis Group in Education - American Institutes for Research, Palo Alto, California, 1979.

- How many museums experienced severe financial problems in 1979?

- How did museums experiencing financial difficulty differ from other museums regarding their user programs and fees, types and numbers of staff, and conservation needs?

- Were museums able to absorb the impact of inflation on cost of salaries, wages, goods, and services without reducing the level of current operations below the prior year's level?

(2) Educational Programs (Chapter IV)

Traditionally, museums have been concerned with collecting, preserving, and exhibiting our heritage and culture. Partly as a result of Federal support for educational programs in museums and the widening audience for museums' services, the major focus of museum activities is shifting toward educational experiences for the public. Some museum administrators worry about the changing emphasis; they are concerned that the collection, preservation, and research activities may be neglected. This is especially true if museums are facing financial difficulties and must make critical decisions about the direction of their activities.

On the other side, there are those who believe that the educational potential of museums has yet to be discovered and fully utilized. These people feel that few museums, let alone Congress and the voting public, realize the variety of educational programs that could be provided. Also, although some museums may have educational concerns, few studies of the effectiveness of museum programs from an educational standpoint have been undertaken.

The following specific questions relating to educational programs of museums in 1979 are addressed in this study:

- Were museums increasing their educational activities? What and how many activities?

- What kinds of educational programs were they offering, and who were the audiences?

- Were sources of information on the effectiveness of museum-based educational programs being developed?

(3) Facilities (Chapter V)

There may be a discrepancy between museums' activity priorities and the facilities available to them. These discrepancies may signal the need for additional support (e.g., through the IMS grant program). Thus, the following questions are addressed relative to museum facilities in 1979:

- Who owned the facilities?
- What kinds of facilities were available in museums for public use?
- How much of the available exhibition and storage space was utilized by museums?

(4) Personnel (Chapter VI)

As discussed above, changes are occurring in the role and activities of museums, and such changes may be reflected in the composition of the staff. For example, as education becomes of increasing concern to museums, the numbers of staff assigned to educational responsibilities will probably increase. With financial problems of more concern, institutions may be able to increase their educational staff only by reducing the staff assigned to conservation, curatorial, registration, and research activities. At the same time, the financial and security problems encountered by museums have resulted in increasing demands for staff with skills for dealing with these problems.

The low salary levels of museum personnel relative to comparable occupations pose a serious threat that museums will not be able to find and retain well-educated and qualified personnel. This problem arises at a time when there is a felt need to improve the quality of museum staffs. One aspect of this concern can be seen in the increasing emphasis to set professional standards and to establish procedures for museum accreditation by the American Association of Museums.

Specific questions addressed regarding museum personnel in 1979 include:

- Were the numbers of personnel with educational responsibilities increasing while those with curatorial, conservation, and research emphasis were decreasing?
- Did museum workers receive relatively low wages compared to persons working in similar positions in other fields?

(5) Museum Priorities (Chapter VII)

Finally, this study addresses the nation's museums' priorities in 1979 as they relate to the following activities:

- Education
- Exhibition
- Conservation/preservation
- Research
- Other

3. USEFULNESS TO OTHER NATIONAL ORGANIZATIONS

In addition to providing the National Museum Board and IMS with information about the museum field that can be used in making policy and program decisions, the survey provides data useful to the National Endowment for the Arts, the National Endowment for the Humanities, and the National Science Foundation in planning their funding programs for museum activities. The survey results also provide useful comparative information to local museum directors for planning and developing their programs.

4. SURVEY METHODOLOGY

A number of museum professionals were involved in the design of the survey instrument (see Appendix B). The survey form was critiqued by various groups of museum directors through regional meetings sponsored by NCES. Additionally, a formative evaluation of the survey form[6] was conducted, resulting in final revisions to content of the questions, and the survey contractor adapted the format to direct machine coding. An assessment of the survey items resulting from the 1979 experience is provided under a separate cover.[7]

The sample was drawn by the NCES using the 1978 museum universe survey as the sampling frame. Because IMS was interested in national estimates pertaining to nonprofit museums eligible for the IMS grant program, all for-profit museums were deleted from the universe file prior to drawing the sample. The remaining museums were stratified by type, control, size (as defined by 1978 operating expenditures), and geographic region. A stratified random sample was drawn selecting large museums with certainty. The details of the sample selection and survey procedures are described under a separate cover.[8]

The survey instrument was mailed to museum directors on December 12, 1979. Nonrespondent follow-ups included a reminder letter, telephone follow-up, second survey mailout, followed by a final telephone follow-up. A 94 percent response rate was achieved. All surveys went through extensive manual and machine edit checks to detect and correct logic and consistency errors. All errors in the data submissions were resolved with the museum directors by telephone; an average of three calls per museum resulted. Noncritical data items still missing following a reasonable number of follow-up attempts were imputed based on responses of peer museums. Each sampled respondent was appropriately weighted to represent the 1978 universe of nonprofit museums.

Presentation Of Survey Data

The various tables and graphical representations in this report represent the estimated 4,408 nonprofit museums as of 1978 that were, in fact, open to the public in 1979. The reader is cautioned to determine the specific base for percent computation (shown as 100 percent) in each table examined in order to avoid misinterpretation of the data.

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[6] Ibid.

[7] 1979 Museum Program Survey: Project Methodology and Evaluation Report, Macro Systems, Inc., November, 1980.

[8] Ibid.

Data are most frequently analyzed by museum type (i.e., art, children's, general, history, parks and visitor centers, science, and specialized) as reported by the museum directors in the 1978 universe survey. Type was defined as that "which most nearly describes your institution's primary activity." Where appropriate, data are also analyzed by region (i.e., North Atlantic, Great Lakes/Plains, Southeast, West/Southwest), size (based on operating expenditures for the fiscal year ending prior to January 1, 1980),[9/] and governing authority (i.e., private/nonprofit organization, municipal government, county government, State government, Federal government, private elementary/secondary school, private college/university, public school district, public college/university, church/denominational group, industrial or commercial corporation, private individual, other). Governing authority was defined as the agency that owns the collections and assets of the institution but not necessarily its facilities.

Selected sampling variances are presented in Appendix C.

5. OTHER RESULTS OF THE STUDY

More information is available from the study data than is published here. There are numerous other data presentations that may be useful to selected audiences. Qualified investigators and recognized institutions seeking available information may obtain a computer tape and detailed documentation by writing or calling:

Data Systems Branch
National Center for Education Statistics
400 Maryland Avenue, S.W.
Washington, D.C. 20202

Attn: Ms. Charlene Hoffman
Presidential Building, Suite 205
(301) 436-7900

[9/] Operating expenditures includes all direct expenditures that are an integral part of the institution's operation. Excluded are in-kind goods and services, overhead and maintenance provided by another or parent organization, and CETA and other paid personnel that may not be part of the institution's direct expenditures but are integral to operation.

II. DESCRIPTION OF THE MUSEUM UNIVERSE

1. CHARACTERISTICS AND DISTRIBUTION OF MUSEUMS

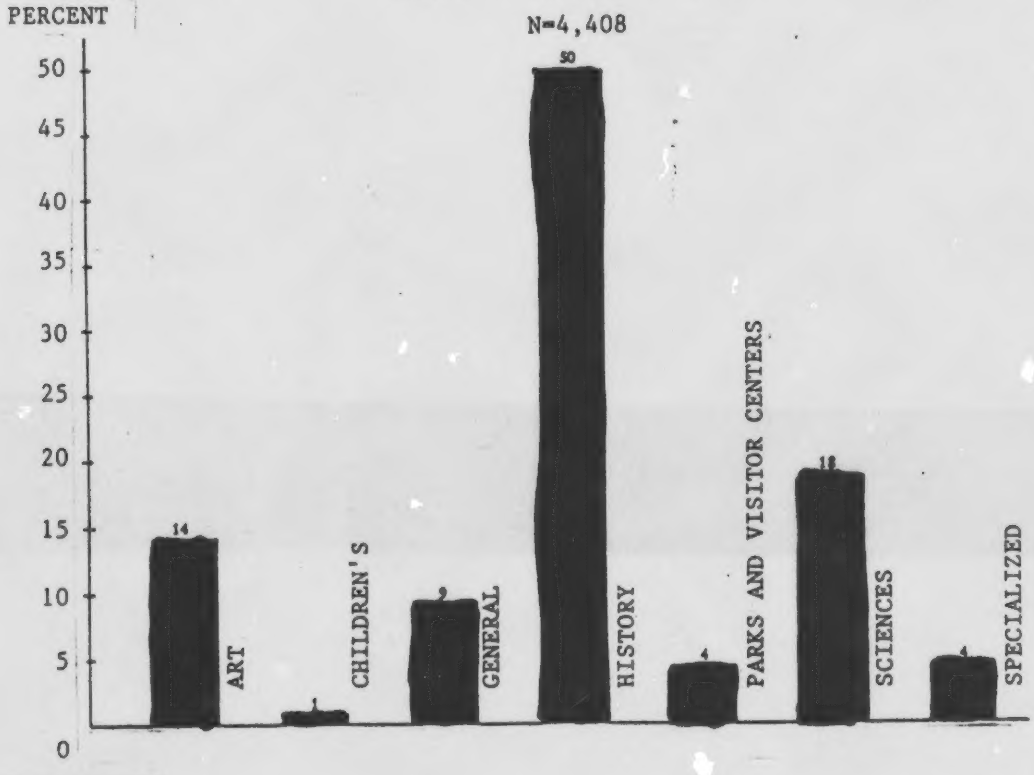
A total of 4,408 nonprofit museums and related institutions[1] are represented by this survey. They can be described by examining their distribution by (1) type, (2) control, (3) size, and (4) geographic region, which are the four main characteristics used in this study.

(1) Type Of Museum

One-half of the museums were classified by their directors as primarily history museums in the 1978 universe survey. Approximately 18 percent were classified as science museums and 14 percent were classified as

FIGURE 1--Type of Museums

N=4,408



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[1] There are an estimated 156 for-profit museums in the United States.

art museums. The remaining 18 percent were classified as general (9 percent), specialized (4 percent), parks and visitor centers (4 percent), and children's museums (1 percent).

(2) Control (Governing Authority)

The governing authority was defined as the agency that owns the collections and assets of the institution but not necessarily its facilities. Over one-half (an estimated 53 percent) of all museums were governed by a nonprofit private institution (see Figure 2). Government agencies ranked second highest, operating approximately one-third of all nonprofit museums. Of the institutions operated by government agencies, State governments operated the greatest number (33 percent) and county governments the fewest (15 percent).

Educational institutions operated an estimated 11 percent of the museums. Of these, the majority (91 percent) were run by public or private colleges and the remaining 9 percent were run by private elementary-secondary schools or public schools. The remaining museums were operated by religious groups, companies, private individuals, or others.

(3) Size

Size of museum was defined by the total operating income for the fiscal year ending prior to January 1, 1980. Income includes total Federal grant monies and contributions from State and local governments, foundations, corporations, and individuals, combined with all net earned income. The largest percent of museums (an estimated 37 percent) were in the income range of $1 to $25,000 (see Figure 3). The second most common income range was $25,001 to $50,000 (15 percent of all museums). Slightly over one-tenth of the nation's nonprofit museums were estimated to have incomes exceeding $400,000, whereas 1 percent had no income. For example, a family might live in a historic house or own a historic dwelling on their property, maintain it as a hobby, and allow visitors, including school groups, to tour it without charge.

For each type of museum, with the exception of art museums, it was found that operating income was most frequently in the $1 to 25,000 range (see Table 1, end of chapter). The largest group of art museums (20 percent) were estimated to have operating income in the highest range (over $400,000) for the 1979 fiscal year.

History museums appeared to have the lowest financial support; 65 percent reported income under $50,000 and only 5 percent reported income exceeding $400,000. Most other types of museums reported a fairly substantial percentage in the highest range of income: science museums (22 percent), art museums (20 percent), general museums (13 percent), and specialized museums (12 percent).

There may be fewer avenues of outside support for which history museums are eligible. An examination of history museum programs for patron support later in this report may indicate areas that could be developed by history museums.

FIGURE 2--CONTROL OF MUSEUMS
N = 4,408

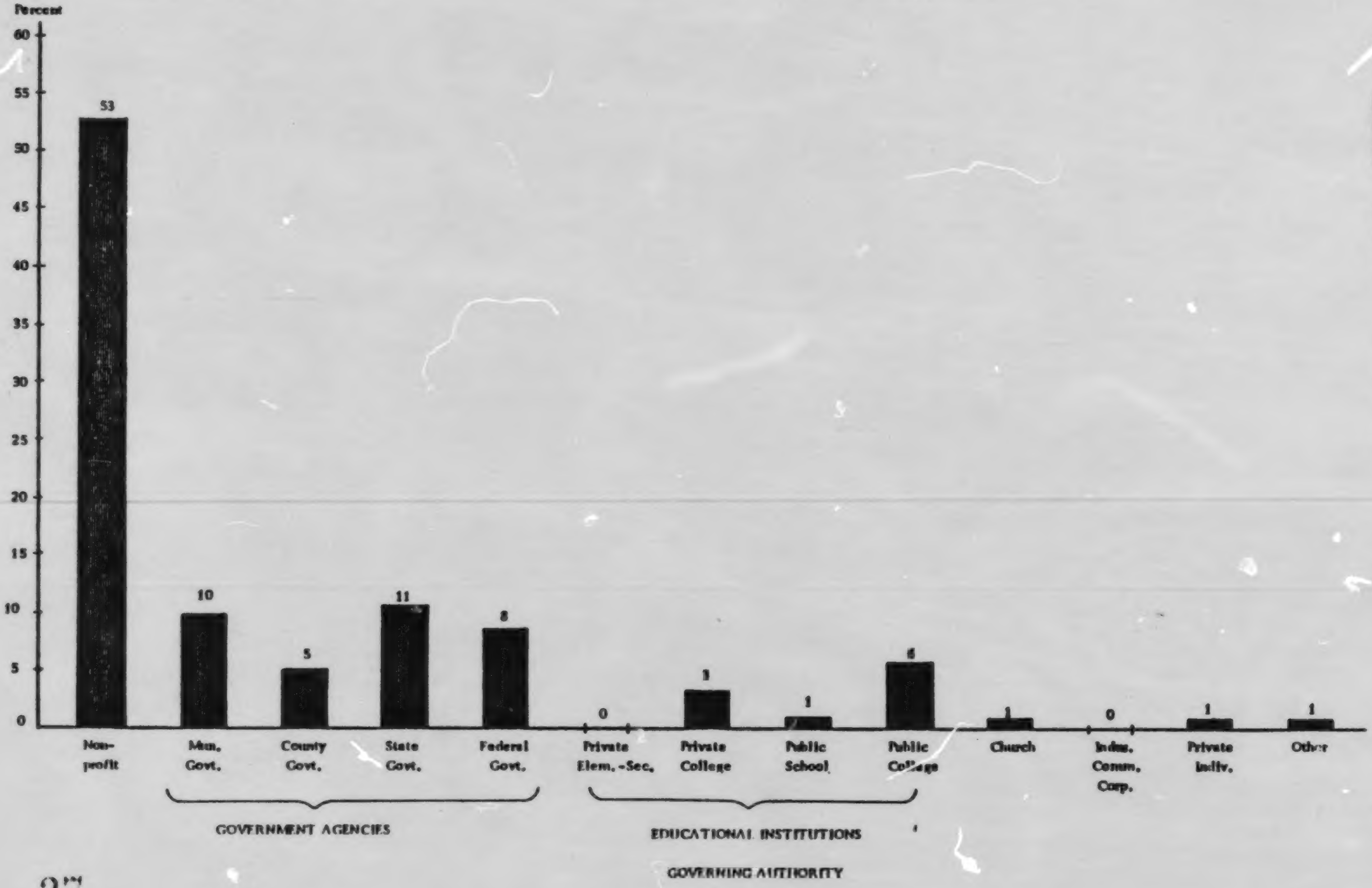

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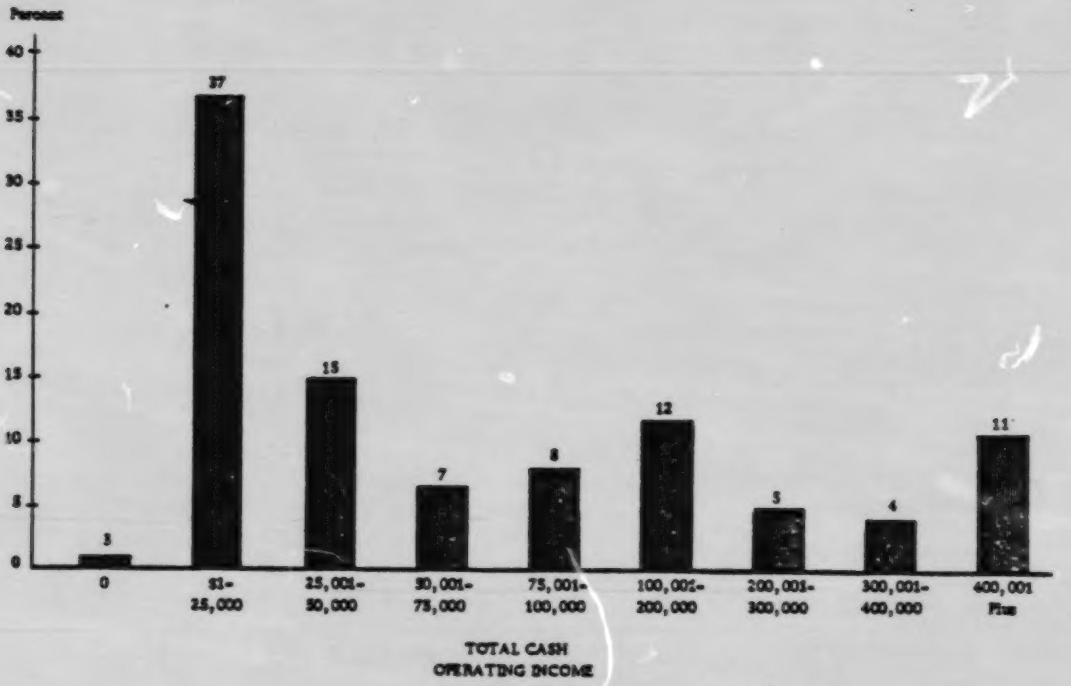
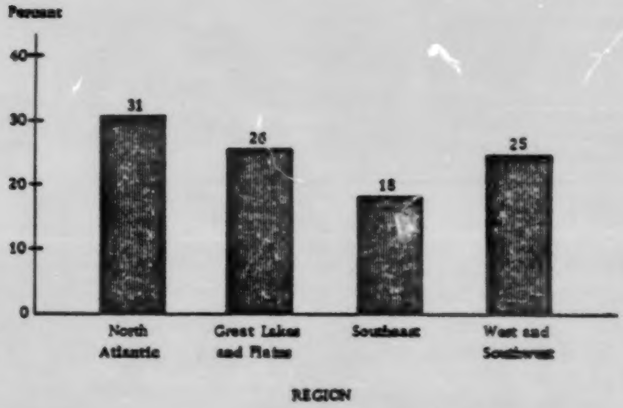
FIGURE 3--TOTAL CASH OPERATING INCOME
OF MUSEUMS
N = 4,408



(4) Region

The greatest number of museums (31 percent) were found in the North Atlantic States and the fewest (18 percent) in the Southeast (see Figure 4). Almost the same number of museums were estimated to be in the Great Lakes/Plains States as in the West/Southwest (26 and 25 percent, respectively).

FIGURE 4--MUSEUMS BY REGION
N = 4,408



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A closer examination of the types of museums found in various parts of the country revealed some regional differences. As would be expected, history museums predominated in each of the four regions (see Table 2). The largest percent of both history museums (37 percent) and art museums (35 percent) were found in the North Atlantic States. In the Great Lakes/ Plains States, Southeast, and West/Southwest, there were more science museums than art museums (21 percent and 13 percent, respectively); the largest number of science museums (32 percent) were found in the West and Southwest. Although parks and visitor centers were the fifth most commonly found type of museum in the West/Southwest and Southeast (7 percent), they comprised only one to two percent of the museums in the other regions. The difference might be explained by the large acreages available for park facilities in the Western United States, in contrast to the highly industrialized character of the North Atlantic States and severity of the winters in the Great Lakes and Plains States.

2. TYPES OF COLLECTIONS

The distribution of types of objects constituting an important part of the museum's collections indicated that even "specialty" museums were not limited to a predominant type of object in their collections. When asked to select from an extensive list of objects those that constituted an important part of the institution's collections, directors indicated that their collections contained a wide variety of types of objects in the broad areas of art, history, science, and specialized subjects. Of these four categories, history and art objects were considered most important; one or more types of historical objects made up an important part of the institutions' collections for an estimated 27 percent of all museums, and 22 percent of all museums had one or more types of art objects. Science and specialized objects represented a smaller proportion of the nation's museums' total collections: for 13 percent of all museums, one or more types of specialized objects constituted an important part of the museum's collection and only one-tenth of all museums attached such importance to science objects. The smaller number of museums containing specialized objects may have indicated that museums directed their appeal to a more generalized audience.

FIGURE 5—TYPES OF OBJECTS CONSTITUTING AN IMPORTANT PART OF THE MUSEUM'S COLLECTIONS
N = 4,408

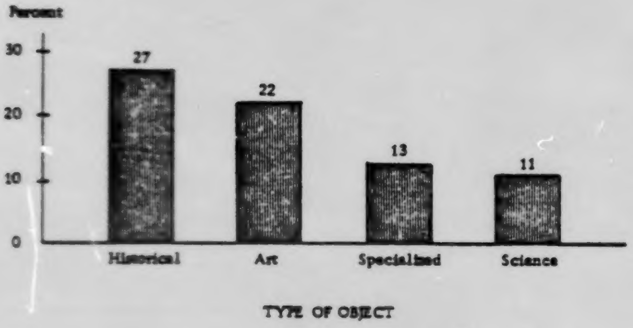

TABLE 2.--DISTRIBUTION OF MUSEUMS, BY GEOGRAPHIC REGION AND TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

TYPE OF MUSEUM	TOTAL	GEOGRAPHIC REGION			
		NORTH ATLANTIC	GREAT LAKES AND PLAINS	SOUTHEAST	WEST AND SOUTHWEST
ALL TYPES......	4,408	1,373	1,129	779	1,127
PERCENT..............	100.0	31.1	25.6	17.7	25.6
ART..................	609	216	140	109	145
PERCENT..............	100.0	35.4	22.9	17.9	23.8
CHILDREN'S...........	51	22	10	7	13
PERCENT..............	100.0	42.5	19.0	12.8	25.7
GENERAL..............	382	78	109	70	126
PERCENT..............	100.0	20.3	28.5	18.2	32.9
HISTORY..............	2,204	809	562	348	485
PERCENT..............	100.0	36.7	25.5	15.8	22.0
PARKS AND VISITOR CENTERS...	165	16	25	56	69
PERCENT..............	100.0	9.4	15.2	33.9	41.5
SCIENCE..............	800	169	217	157	257
PERCENT..............	100.0	21.1	27.2	19.6	32.1
SPECIALIZED..........	197	64	66	34	33
PERCENT..............	100.0	32.7	33.6	17.1	16.5

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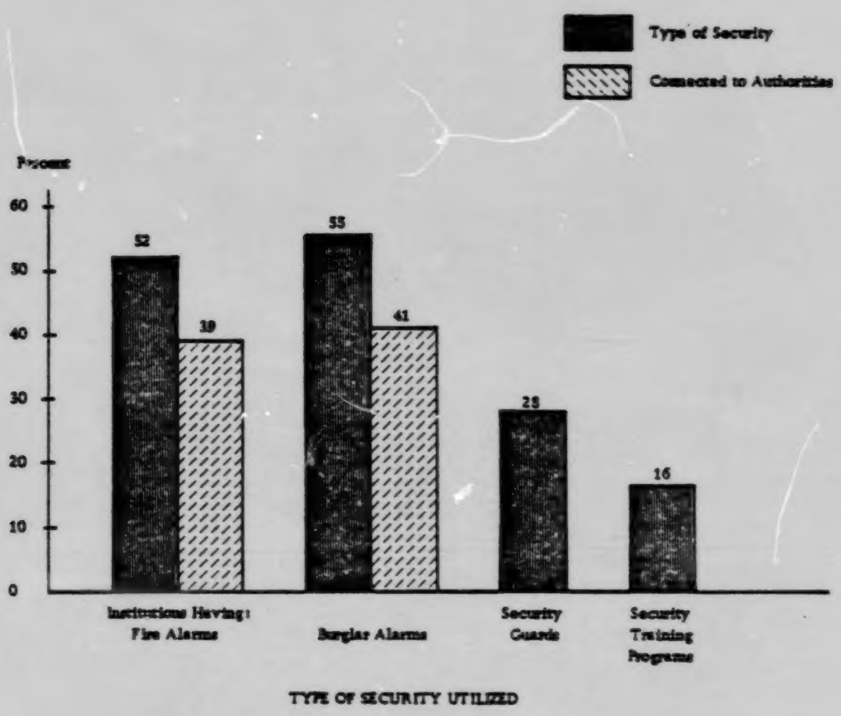
Tables 3 through 6 (end of chapter) display each of the specialized objects by type of museum. On the survey form, there were a total of 47 possible art, science, history, and specialized objects; one or more could be selected by the museum director as constituting an important part of the museum's collections. Of significance was the tendency of history museums to contain a wide variety of art, history, science, and specialized objects. For 39 of those objects, at least 35 percent and, at most, 79 percent of all museums identifying the object as an important part of the museum's collections represented history museums.

An estimated 65 percent of all museums had a complete up-to-date inventory of their collections. More than half of the museums in each type of museum maintained an up-to-date inventory. Art museums had the highest percentage (86 percent) and history museums had the lowest (57 percent), which may be due to the wider variety of the latter's collections.

3. SECURITY

It was estimated that slightly over half of all museums (52 percent) had a fire alarm system (see Figure 6), and approximately the same number (55 percent) had a burglar alarm system. About three-quarters of the fire or burglar alarm systems were connected to the local authorities.

FIGURE 6--MUSEUM SECURITY SYSTEMS
N = 4,408



Art museums most frequently had fire and burglar alarm systems (73 percent of all art museums had a fire alarm system; 83 percent had a burglar alarm); (see Table 7, end of chapter). Parks and visitor centers used such alarms least frequently, but this may be explained by the fact that many outdoor museums and nature centers, for which traditional security measures may be inappropriate, are included in this category. One would expect to find a lower percentage of alarm systems at these museums.

Overall, slightly more than one-quarter (28 percent) of all museums employed security guards (see Table 8, end of chapter), but over half of all art museums (62 percent) employed security guards. Of those museums that did employ security guards, the number of guards employed ranged from one to over 51.[2/] Most museums (84 percent) do not have a security training program (see Table 10, end of chapter).

4. CONSERVATION AND PROTECTION

Although museums relied on several means to preserve and maintain objects or to protect their live exhibits, most (57 percent) did not have their own facilities for the preservation, conservation and protection of their exhibits (see Figure 7). Science museums had the highest percentage of institutions with their own facilities (66 percent); the majority (57 percent) of specialized museums also had their own facilities. Many museum directors indicated that, although they did not have their own facilities, they maintained cooperative arrangements with other museums in their geographic area. Specialized museums often did not have access to such arrangements and tended to remain more isolated, probably because of the unique nature of their collections.

Of those museums that maintained facilities for protection and conservation of exhibits (43 percent), close to one-half (47 percent) supported staff training programs on the care of museum objects in conjunction with universities, other museums, and/or other organizations. Parks and visitor centers had the highest percentage of institutions (32 percent) that provided staff training for conservation (71 percent of all parks and visitor centers with facilities), whereas art museums had the smallest percentage--only 13 percent (40 percent of all art museums with facilities).

In order to assess the extent to which museums were involved in cooperative conservation activities, museum directors were asked if their staff did conservation work on objects not belonging to their own institution. An estimated 12 percent of all museums did work on objects not belonging to their own institution. Science museums most frequently (38 percent) did conservation work on objects not belonging to their collection, followed by history museums (28 percent) (see Table 11, end of chapter.)

[2/] The very high numbers of security guards found at art and science museums may be partially due to the difficulty some university-based museums had separating general university guards from museum guards only (see Table 9, end of chapter).

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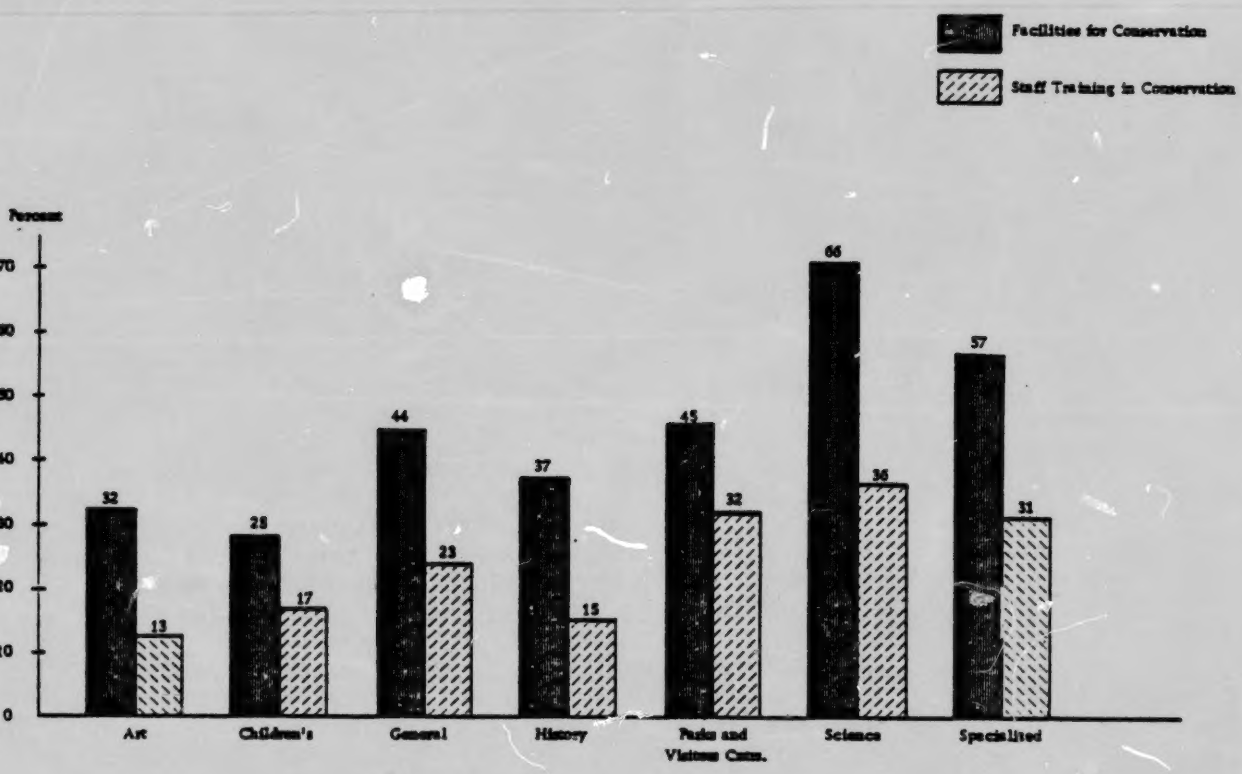
FIGURE 7—MUSEUMS WITH FACILITIES AND STAFF TRAINING PROGRAMS FOR PRESERVATION AND CONSERVATION, BY TYPE OF MUSEUM
N = 4,408



Concerning the types of objects receiving the most conservation, protection, and maintenance, it was found that the greatest attention was given to works on paper (23 percent), furniture (22 percent), photographs (22 percent), books (18 percent), textiles (17 percent), and paintings (17 percent). Art museums most frequently performed conservation activities on paintings (37 percent), followed by works on paper and sculpture (see Table 12, end of chapter). Comparing art museums to other museum types revealed that art museums were more likely to do conservation activities on sculpture objects.

Among children's museums, conservation was most frequently performed on mounted zoological objects (24 percent), followed by ethnographical objects (22 percent).

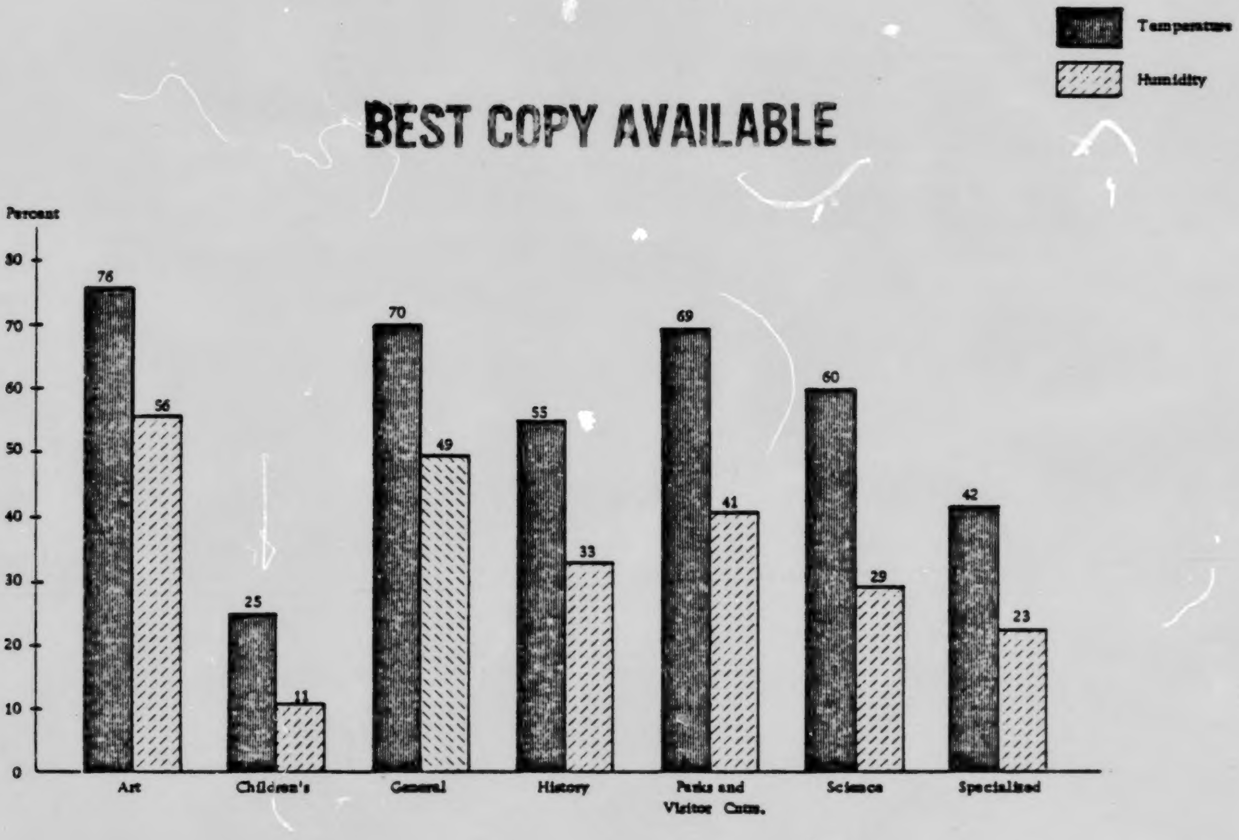
Approximately one-third of general museums preserved photographs, although they undertook conservation efforts on a wide variety of objects. The second most mentioned category of objects receiving conservation by general museum staff was furniture (31 percent).

History museums appeared to be responsible for most of the conservation activities undertaken; they led other types of museums in undertaking conservation of paintings, works on paper, books, photographs, furniture, films, textiles, instruments, and other specialized objects. Among history museums, the most frequent activity was the conservation of furniture (31 percent of history museums undertook some type of restoration of furniture), followed by restoration of works on paper.

Science museums concentrated primarily on protecting endangered species--34 percent of science museums did this. Specialized museums were predominantly concerned with the care of photographs. Of 197 specialized museums, 41 percent worked on maintaining photographs.

In addition to undertaking specific activities to ensure the long life of individual objects in museums, other protection measures, including the installation of temperature and/or humidity controls, were undertaken. Sixty percent of all museums had temperature controls, and 36 percent had humidity controls. Temperature and humidity controls were most common among art museums and least common among children's museums (see Figure 8).

FIGURE 8—TEMPERATURE AND/OR HUMIDITY CONTROLS, BY TYPE OF MUSEUM
N = 4,408



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Museum directors were asked to estimate the proportion of their collections that was in serious need of conservation, preservation, maintenance or protection. Eighty-two percent of the responses were fairly evenly distributed between 0 and 49 percent; 18 percent of all museums indicated that "greater than 49 percent" of their collections needed conservation, protection, and/or maintenance (see Table 13).

Table 13.--Percent Of Collections Needing Conservation, Protection, And/Or Maintenance

Percent of Collections Needing Conservation	Total	Percent
All Museums	4,408	100.0
None	517	12.0
Less Than 5%	699	16.0
5% - 14%	842	19.0
15% - 24%	817	18.0
25% - 49%	745	17.0
Greater Than 49%	787	18.0

Children's and specialized museums indicated the greatest need for conservation (median of 31 percent and 22 percent of collections, respectively). (See Table 14, end of chapter.) On the other hand, parks and visitor centers appeared to have the least need (median of 3.9 percent of collections).

Museums were asked whether resources were needed for facilities, programs, staff, and/or funds for maintaining collections. Out of the four areas, the most serious estimated need was for funds, and the least was for programs.

Resources Needed In Collections:

Resource	Percent Of All Museums
Funds	66%
Staff	54%
Facilities	49%
Programs	30%

It appeared that, although most museums either had a conservation program in place or had access to one, many did not have the necessary funds to purchase materials, tools, etc., to implement conservation activities.

The relative need across these four areas was surprisingly uniform across museum types (see Figure 9, end of chapter). Children's and specialized museums expressed the greatest overall need.

A look at the needed resources across museums of varying sizes revealed that larger museums tended to express somewhat greater needs for resources (see Figure 10).

These findings substantiate the concern expressed by museum professionals that museum priorities are shifting away from conservation and research activities.

5. BOARD OF TRUSTEES

It was estimated that more than three-fourths of all museums (78 percent) had a Board of Trustees with direct responsibility for the institution's policy; almost all children's museums had a Board of Trustees (98 percent). In contrast, it was estimated that parks and visitor centers had the lowest percentage of institutions with a Board of Trustees (35 percent) (see Table 15, end of chapter). Museums with zero income were unlikely to have a Board of Trustees (26 percent) (see Table 16, end of chapter).

6. ACCESSIBILITY

One measure of the accessibility of an institution is its proximity to some means of public transportation. Sixty percent of all museums were located within one-quarter mile of public transportation. Art museums were most likely to be close to public transportation--80 percent were within one-quarter mile (see Figure 11, end of chapter). Next most accessible were children's museums (two-thirds within one-quarter mile of public transportation). Parks and visitor centers were least likely to be close to public transportation (only 9 percent within one-quarter mile of public transportation).

Other measures of accessibility are membership and admission fees. Museums become inaccessible to those who cannot afford to pay the admission fee or become members; however, museums are often forced to charge such fees to maintain the institution. Membership and admission fees also demonstrate commitment to the museum and its programs.

It was estimated that over one-half of all museums (57 percent) had a membership program. Children's and art museums were most likely to have membership programs (72 and 68 percent, respectively) and parks and visitor centers least likely (9 percent) (see Figure 12).

Number Of Members. Most museums (59 percent) with membership programs had 500 members or fewer; very few exceeded 5,000.

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FIGURE 10--MUSEUMS IN SERIOUS NEED OF RESOURCES, BY SIZE

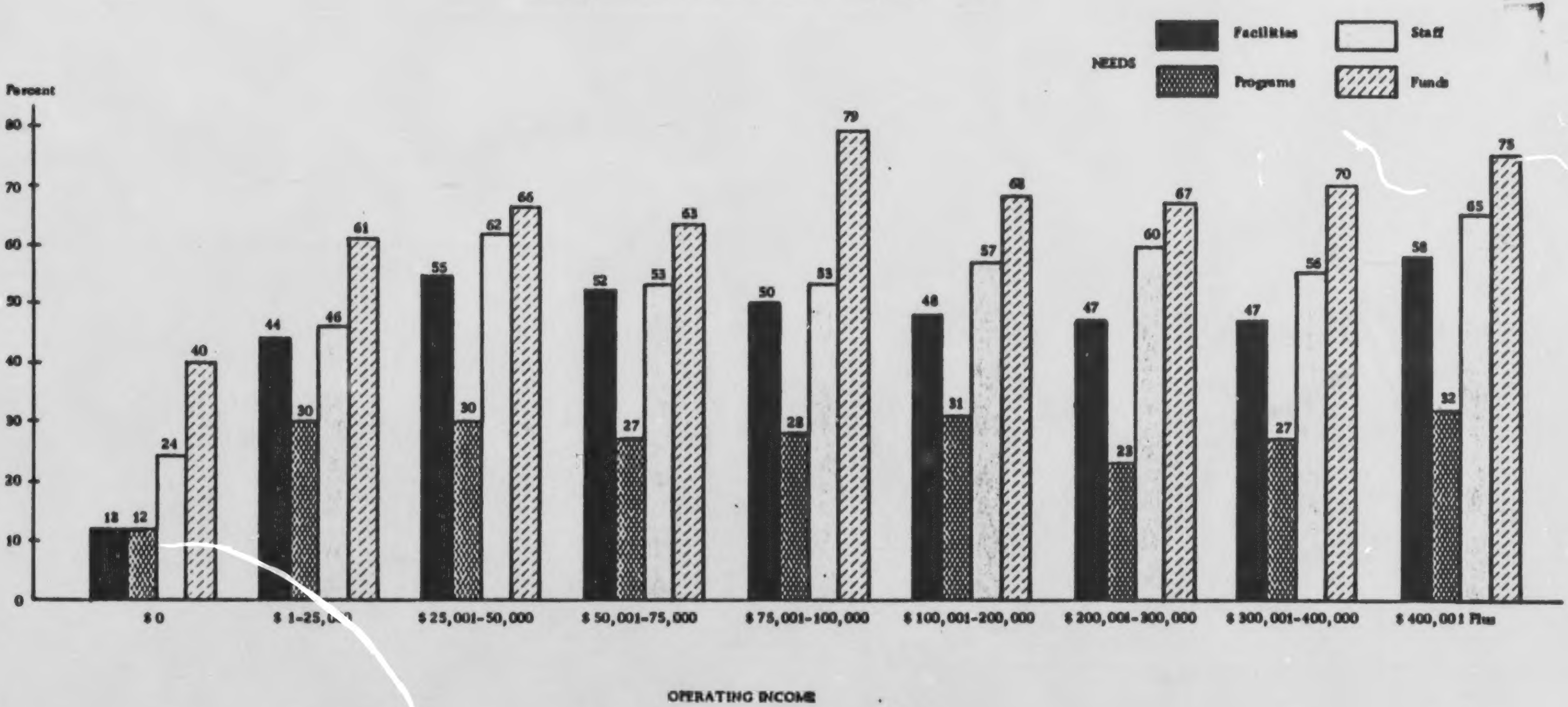

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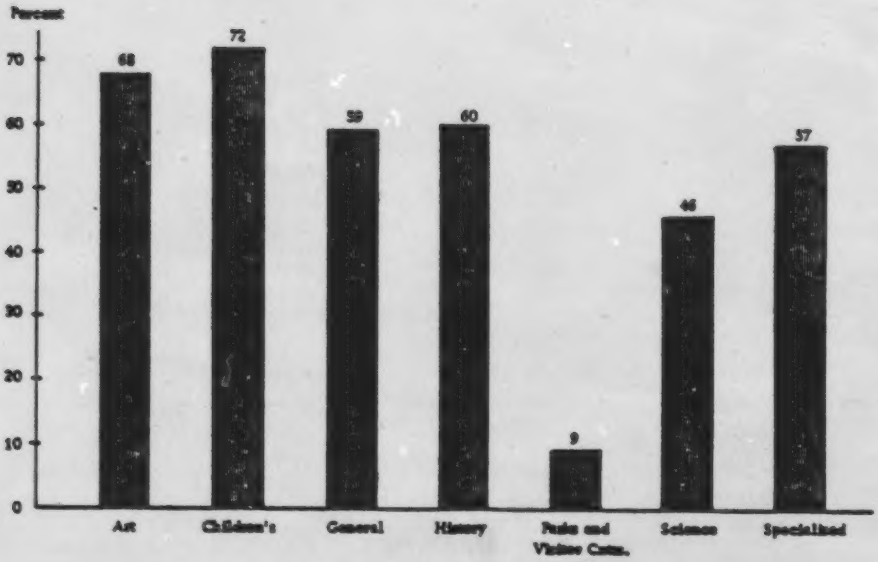
FIGURE 12—MUSEUMS WITH MEMBERSHIP PROGRAMS, BY TYPE OF MUSEUM



		Estimated Number	Percent
Museums with Membership Programs:		2,496	100
Number of Members:	1 - 500	1,468	59
	501 - 1,000	480	19
	1,001 - 5,000	422	17
	Over 5,000	126	5

What types of museums have the largest memberships? It was estimated that specialized museums had the highest concentration of large (over 5,000) membership programs (21 percent), followed by science museums (9 percent); no children's museums had membership programs exceeding 5,000 members (see Table 17).

A comparison of the median membership fees charged by each type of museum indicated that, for most types of memberships, art museums had the highest fees. The lowest median membership fees were charged by history museums, children's museums, and parks and visitor centers (see Table 18).

Many types of museums offered discount prices for membership fees to students and senior citizens. Museums offered student discounts (40 percent of all museums with membership programs) more than twice as often as senior citizen discounts (17 percent).

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Table 17.--Museums With Membership Programs--
Number Of Members,* By Type Of Museum

Type of Museum Frequency (%)	Total with Membership Programs	Number of Members		
		1-1,000	1,001-5,000	Over 5,000
All Museums	2,496	1,948	422	126
	(100.0)	(78.0)	(17.0)	(5.0)
Art	412	266	116	32
	(100.0)	(66.0)	(26.0)	(8.0)
Children's	36	29	8	0
	(100.0)	(78.0)	(22.0)	(0)
General	226	188	33	5
	(100.0)	(83.0)	(15.0)	(2.0)
History	1,328	1,142	155	31
	(100.0)	(86.0)	(12.0)	(2.0)
Parks & Visitor Centers	16	12	3	1
	(100.0)	(74.0)	(19.0)	(7.0)
Science	366	235	98	33
	(100.0)	(64.0)	(27.0)	(9.0)
Specialized	112	81	8	23
	(100.0)	(72.0)	(7.0)	(21.0)

* Members of the Smithsonian Institution were not included in this tabulation; membership applies to the entire institution as opposed to a specific museum. In fiscal year 1979, there were approximately 1.7 million members of the National Associates Program and 51,000 members of the Resident Associates Program.

Table 18.--Median Annual Membership Fees, By Type Of Museum

Type of Museum		Membership Category							
		Individual	Family	Student	Donor	Senior Citizen	Patron	Business	Other
All Museums	Amount	$ 6.50	$14.01	$5.02	$54.47	$4.79	$ 74.03	$ 86.07	$13[illegible].82
	Count	2,426 1/	1,655	970	1,070	417	1,357	837	1,173
Art		12.94	21.59	7.32	60.06	6.25	98.08	214.36	567.40
		392	336	262	252	115	338	222	224
Children's		6.64	13.40	*	28.59	*	62.97	*	*
		35	33	14	30	6	29	18	
General		5.50	14.59	4.89	51.93	4.00	83.05	97.58	146.13
		217	136	60	94	28	119	70	102
History		4.54	8.90	3.39	50.08	4.12	46.88	68.68	105.25
		1,296	762	433	441	179	583	365	603
Parks and Visitor Centers		*	*	*	*	*	*	*	*
		16	15	11	8	1	7	6	5
Science		9.78	17.89	5.62	58.38	5.03	158.83	142.92	260.29
		360	320	146	224	79	242	136	187
Specialized		9.24	17.03	4.91	83.97	*	231.53	54.70	198.58
		111	54	44	21	10	39	20	37

* N < 20

1/ Number of museums reporting a membership fee.

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Size of museum and median membership fee were positively correlated: the larger the museum, the higher the median fee. For all types of memberships, the highest membership fees were charged by museums that earned over $400,000, and the lowest fees were charged by those with income of $1 to $25,000 (see Table 19).

Table 19.--Median Annual Membership Fee, By Size Of Museum

Museum Size $ (Operating Income)		Membership Type							
		Individual	Family	Student	Donor	Senior Citizen	Patron	Business	Other
All Museums 1/	Amount	$ 6.50	$14.01	$5.02	$54.47	$4.79	$ 74.03	$ 86.07	$132.82
	Count	2,426 2/	1,655	970	1,070	417	1,357	837	1,173
$1-25,000		3.43	4.96	1.74	26.26	2.70	34.15	34.98	90.61
		874	436	183	208	59	331	111	285
$25,0001-50,000		5.94	9.48	3.29	50.49	3.21	45.22	72.79	98.93
		534	204	107	139	78	158	138	196
$50,001-75,000		8.64	15.28	5.08	57.42	*	77.11	54.99	256.98
		156	116	82	89	10	101	74	80
$75,001-100,000		7.74	15.47	5.09	69.32	7.40	82.87	86.18	210.00
		226	174	140	97	72	140	107	126
$100,001-200,000		10.44	19.12	5.43	53.35	3.79	99.81	81.69	198.06
		250	224	134	155	46	170	116	147
$200,001-300,000		10.90	21.08	6.05	76.64	7.36	97.35	246.70	423.89
		120	99	63	84	36	81	71	61
$300,001-400,000		10.64	18.97	6.31	56.06	5.59	92.37	237.66	263.60
		111	93	59	68	34	82	41	72
$400,001-Plus		14.04	22.80	8.84	81.55	7.77	315.53	313.76	520.89
		355	310	202	230	84	274	179	207

* N < 20

1/ Smithsonian Institution membership fees were not included in this tabulation; membership applies to the entire institution as opposed to a specific museum. Annual membership in the National Associates Program was $14.00; membership in the Resident Associate Program was $21.00 per single membership, $26.00 per double, and $36.00 per family.

2/ Number of museums reporting a membership fee.

(1) Admission Fees

Although it was estimated that over one-half of all museums had membership programs in 1979, fewer than one-third (32 percent) charge general admission fees. Specialized museums were most likely to charge admission fees (62 percent); parks and visitor centers and art museums were least likely to do so (15 and 16 percent, respectively; see Table 20, end of chapter). For those museums charging admission fees, most fees were fixed as opposed to suggested.

There was a wide range of types of admission fees: member and nonmember, adult, children, student, senior citizen, group rates, and other types. Museums rarely charged admission fees to members (see Tables 21-A through 21-F, end of chapter); over 90 percent of museums with admission fees admitted members for free.

Table 22 presents median admission fees for each type of museum. Comparing this table to Table 18 revealed that, although art museums had the highest annual membership fees, they had relatively low median admission fees.

Table 22.—Median Admission Fees, By Type Of Museum

Type of Museum	Admission Categories						
Amount Count	Member Adult	Nonmember Adult	Child	Student	Senior Citizen	Group	Other
All Museums	0 939 1/	$0.93 1,346	$0.32 1,226	$0.41 774	$0.64 575	$0.74 675	$0.32 33[illegible]
Art	0 72	0.88 97	0.26 87	0.39 65	0.43 51	0.34 45	0.36 25
Children's	0 21	0.94 21	* 15	* 9	* 9	* 14	* 5
General	0 69	0.88 94	0.29 87	0.40 74	0.26 32	0.87 44	0.44 27
History	0 457	0.85 721	0.26 665	0.34 385	0.54 277	0.83 313	0.36 136
Parks and Visitor Centers	0 11	1.43 22	* 18	* 11	* 10	* 12	* 10
Science	0 226	1.19 272	0.44 240	0.57 161	0.74 136	0.63 160	0.35 119
Specialized	0 84	1.12 120	0.44 114	0.74 69	0.89 60	0.76 87	0.31 16

* N ≤ 20

1/ Number of museums reporting an admission fee.

There was a positive relationship between size of museum and likelihood of charging admission fees: the larger the museum, the more likely it was to charge an admisson fee (see Figure 13, end of chapter).

(2) Attendance

Total museum attendance has risen approximately 50 million (16 percent) since 1975. The largest increase in attendance (47 million) occurred between 1975 and 1976, which, according to museum directors, can be attributed to special bicentennial events and displays. Although attendance peaked in 1977 and dropped 3 percent in 1978, it appeared to be on the upsurge again in 1979 (see Figure 14). A more detailed breakdown and analysis of attendance will be provided in Chapter 3.

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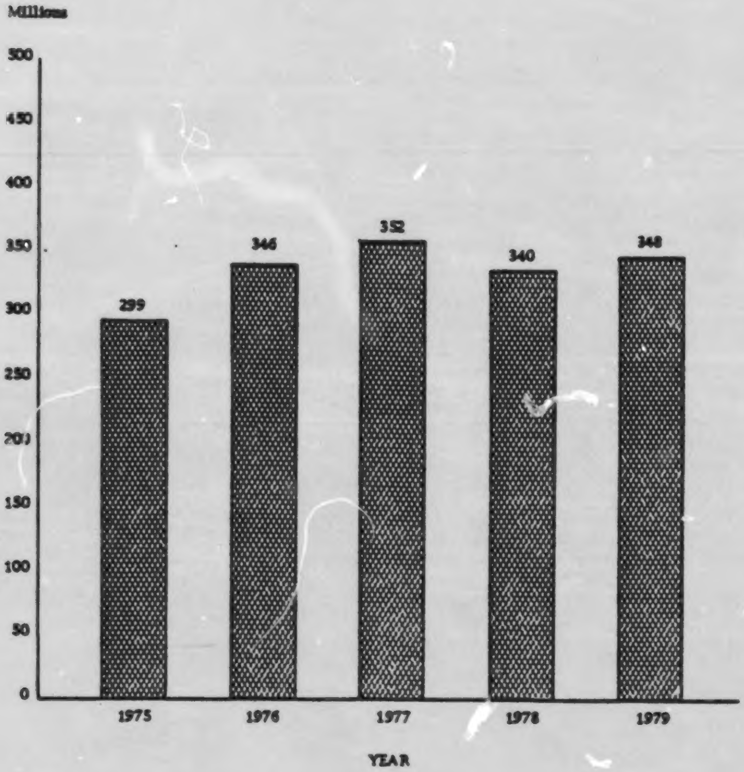
FIGURE 14--TOTAL MUSEUM ATTENDANCE BY YEAR: UNITED STATES, 1979



7. FINANCES

In 1979, it was estimated that most museums earned less than 50 percent of their operating income through admission fees, membership dues, tuition fees, investment or endowment income, or other income-producing activities (e.g., food service, museum shops, auxiliary services). Specialized museums were the exception, earning over 60 percent of their income from such activities. Parks and visitor centers relied most heavily on outside support, earning only 17 percent of their total operating income (see Figure 15).

A major source of outside support came from Federal, State, and local governments. Parks and visitor centers received the highest percentage of their total income (77 percent) from government sources, followed by history museums (52 percent). Specialized museums received the least support from government sources, both in terms of actual dollars (approximately $53 million) and percentage of total operating income (20 percent).

Across all types of museums, grants from foundations, corporations, individuals, and other sources (e.g., educational institutions or bequests) constituted the smallest percentage of total cash operating income. Art and children's museums received the highest relative support from private grants.

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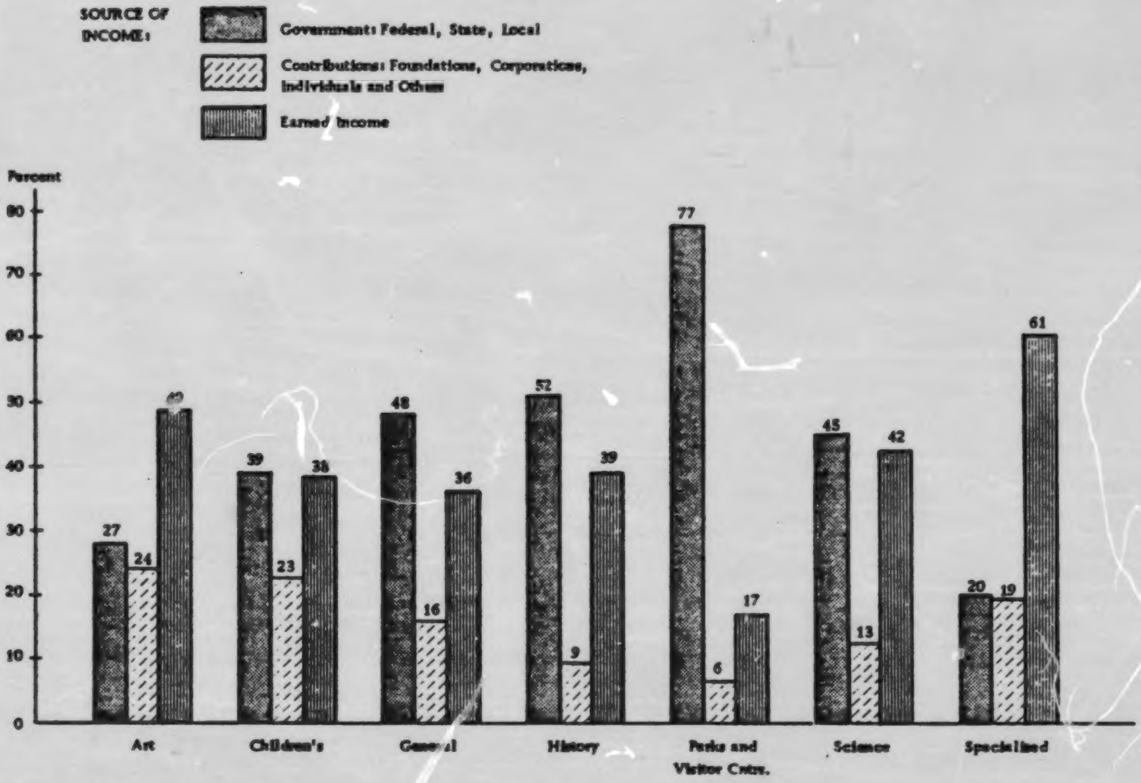
FIGURE 15--SOURCES OF OPERATING INCOME, BY TYPE OF MUSEUM.



For all art museums, close to one-fourth (24 percent) of total income came from private grants; 23 percent of total income for children's museums came from these same sources.

A more detailed breakdown of percentages of income from each of the above three sources (internally generated, government, private) is presented in Table 23, at the end of the chapter. Of government sources, museums received the most support from local governments, with the exception of history museums and parks and visitor centers. History museums received the highest percentage (50 percent) of government grants from State governments, and parks and visitor centers received their highest percentage (55 percent) of government support from the Federal government.

Museums' earned income accounted for 42 percent of total operating income. For art, children's, and general museums, over one-third of their earned income came from endowment income (see Table 24, end of chapter). For history museums, parks and visitor centers, science museums, and specialized museums, greater than one-third of their income came from admission fees.

Compared to other types of museums, children's museums received a fairly large percentage (13 percent) of total earned income from tuition and fees. This information, along with the high percentage of total expenditures (30 percent) going toward educational activities, suggested a strong commitment by children's museums to education.

Museum directors were asked to estimate the percentages of their total operating expenditures that were spent in various areas of the museum's operation. For all museums, it was estimated that the greatest amount was used in general administrative activities (20 percent) and building and maintenance (19 percent); the least was spent in paid advertising (Figure 16). Educational activities constituted 11 percent of all operating expenditures.

FIGURE 16—PERCENT OF TOTAL MUSEUM EXPENDITURES SPENT IN EACH AREA OF OPERATION

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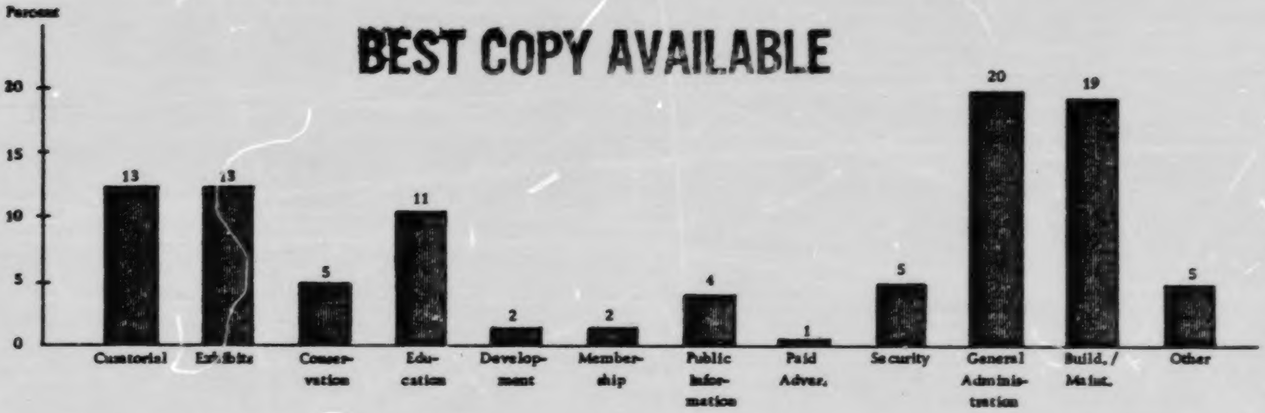

Across types of museums, art museums used the highest percentage of their operating expenditures (23 percent) on general administration, whereas children's museums used close to one-third (30 percent) of their total operating expenditures on educational activities (Table 25, end of chapter). General museums spent the highest percentage (18 percent) on curatorial activities. Parks and visitor centers used the largest percent (38 percent) of their resources for building and maintenance activities.

Expenditure data also provided an indication of the priorities that museums set for their activities. Acquisition expenditures by a museum, which indicate a desire and an ability to improve the museum's collections, accounted for close to $50 million. The majority of those expenditures (58 percent) were by art museums (see Table 26). Following art museums in terms of acquisition dollars expended were science museums (20 percent). It was further estimated that children's and specialized museums spent the least on acquisition expenditures (one percent each).

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Table 26.--Total Acquisition Expenditures, By Type

Type of Museum	Dollars	Percent
All Museums	$47,898,193	100.0
Art	27,626,125	58.0
Children's	375,627	1.0
General	3,203,369	7.0
History	5,295,363	11.0
Parks & Visitor Centers	1,036,876	2.0
Science	9,693,912	20.0
Specialized	666,921	1.0

Table 1.--Type Of Museum, By Total Operating Income Of Museum

Type Count (Row %)	Total Operating Income									
	Totals	$0	$1 - $25,000	$25,001-$50,000	$50,001-$75,000	$ 75,001-$100,000	$100,001-$200,000	$200,001-$300,000	$300,001-$400,000	$400,001-Plus
All Museums	4,408 (100.0)	46 (1.0)	1,616 (37.0)	671 (15.0)	306 (7.0)	347 (8.0)	533 (12.0)	219 (5.0)	178 (4.0)	492 (11.0)
Art	609 (100.0)	0 (0)	78 (13.0)	103 (17.0)	55 (9.0)	58 (9.0)	111 (18.0)	52 (8.0)	35 (6.0)	119 (20.0)
Children's	51 (100.0)	0 (0)	18 (34.0)	5 (10.0)	11 (21.0)	0 (0)	6 (11.0)	5 (10.0)	1 (2.0)	6 (12.0)
General	382 (100.0)	3 (1.0)	174 (45.0)	40 (10.0)	23 (6.0)	21 (6.0)	43 (11.0)	21 (6.0)	7 (2.0)	50 (13.0)
History	2,204 (100.0)	42 (2.0)	1,004 (45.0)	389 (18.0)	125 (6.0)	172 (8.0)	227 (10.0)	74 (3.0)	65 (3.0)	106 (5.0)
Parks & Visitor Centers	165 (100.0)	0 (0)	43 (26.0)	22 (13.0)	25 (15.0)	18 (11.0)	24 (14.0)	18 (11.0)	2 (1.0)	15 (9.0)
Science	800 (100.0)	0 (0)	206 (26.0)	86 (11.0)	57 (7.0)	66 (8.0)	109 (14.0)	43 (5.0)	60 (7.0)	174 (22.0)
Specialized	197 (100.0)	1 (0)	95 (48.0)	27 (14.0)	11 (6.0)	13 (6.0)	14 (7.0)	5 (3.0)	8 (4.0)	23 (12.0)

TABLES AND FIGURES AT
END OF CHAPTER II

TABLE 3.--FREQUENCIES OF OBJECTS IN COLLECTION - ART, BY TYPE OF MUSEUM AND TYPE OF OBJECTS IN COLLECTION: UNITED STATES, FISCAL YEAR 1979

ART OBJECTS	TOTAL N = 4,408	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
ARTS AND CRAFTS.....	903	156	28	130	435	36	85	33
PERCENT OF MUSEUMS .	20.5	25.6	55.2	34.1	19.8	21.5	10.6	16.8
DECORATIVE ARTS.....	1,151	210	11	150	669	22	54	36
PERCENT OF MUSEUMS .	26.1	34.4	21.0	39.3	30.4	13.0	6.3	18.1
FINE ARTS...........	1,530	552	5	201	598	36	97	42
PERCENT OF MUSEUMS .	34.7	90.6	10.0	52.5	27.1	21.5	12.1	21.4
FOLK ART............	1,025	151	29	140	593	21	77	15
PERCENT OF MUSEUMS .	23.3	24.7	56.9	36.6	26.9	12.7	9.6	7.8
PHOTOGRAPHY.........	1,522	239	7	197	784	53	162	80
PERCENT OF MUSEUMS .	34.5	39.2	12.9	51.4	35.6	31.8	20.3	40.9
TECHN. ART/DESIGN...	136	9	0	14	60	6	30	18
PERCENT OF MUSEUMS .	3.1	1.5	.0	3.7	2.7	3.3	3.7	9.1
OTHER ART...........	313	49	3	27	153	11	51	20
PERCENT OF MUSEUMS .	7.1	8.1	5.1	7.0	6.9	6.4	6.4	10.1

TABLE 4.--FREQUENCIES OF OBJECTS IN COLLECTION - HISTORY, BY TYPE OF MUSEUM AND TYPE OF OBJECTS IN COLLECTION: UNITED STATES, FISCAL YEAR 1979

HISTORY OBJECTS	TOTAL N = 4,408	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
HISTORIC HOUSE/BUILDINGS...	1,882	58	14	222	1,326	67	103	92
PERCENT OF MUSEUMS .	42.7	9.5	27.9	58.2	60.2	40.3	12.9	46.7
HISTORIC SITES......	1,203	18	3	96	889	80	53	64
PERCENT OF MUSEUMS .	27.3	2.9	5.9	25.0	40.4	48.5	6.7	32.5
HISTORY.............	2,145	54	25	245	1,518	79	136	69
PERCENT OF MUSEUMS .	48.7	8.9	48.8	64.2	68.9	47.6	17.0	45.0
HISTORIC SHIPS......	220	9	4	17	173	12	5	1
PERCENT OF MUSEUMS .	5.0	1.4	7.2	4.5	7.9	7.0	.6	.6
MILITARY............	743	10	3	92	532	49	29	28
PERCENT OF MUSEUMS .	16.9	1.6	6.1	24.0	24.1	29.7	3.6	14.3
OTHER HISTORY.......	946	24	3	79	686	39	59	55
PERCENT OF MUSEUMS .	21.5	4.0	5.1	20.7	31.1	23.6	7.4	27.9

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TABLE 5.--FREQUENCIES OF OBJECTS IN COLLECTION - SCIENCE, BY TYPE OF MUSEUM AND TYPE OF OBJECTS IN COLLECTION: UNITED STATES, FISCAL YEAR 1979

SCIENCE OBJECTS	TOTAL N = 4,408	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
AERONAUTICS, ASTRONOMY, SPACE..	229	6	7	28	58	2	128	1
PERCENT OF MUSEUMS .	5.2	.9	13.1	7.4	2.6	1.2	15.9	.5
LIVE ANIMAL.........	414	5	16	33	28	16	310	7
PERCENT OF MUSEUMS .	9.4	.7	31.0	8.7	1.3	9.4	38.8	3.4
PRESERVED ANIMAL....	503	15	22	94	146	41	174	12
PERCENT OF MUSEUMS .	11.4	2.4	43.9	24.6	6.6	24.8	21.8	6.1
ANTHROPOLOGICAL, ETHNOLOGICAL, INDIAN............	1,153	48	31	177	570	66	230	32
PERCENT OF MUSEUMS .	26.2	7.9	60.6	46.3	25.9	40.0	28.7	16.3
ARCHEOLOGICAL.......	864	50	10	127	412	62	194	10
PERCENT OF MUSEUMS .	19.6	8.1	19.0	33.3	18.7	37.3	24.3	5.2
GEOLOGICAL, MINERAL, PALEONTOLOGICAL...	758	20	22	155	266	58	227	10
PERCENT OF MUSEUMS .	17.2	3.2	42.8	40.6	12.1	35.2	28.4	5.1
INDUSTRIAL..........	441	6	6	56	275	7	52	40
PERCENT OF MUSEUMS .	10.0	.9	10.8	14.8	12.5	3.9	6.5	20.3
MEDICAL, DENTAL, HEALTH, PHARMACOLOGICAL...	438	0	7	79	215	0	119	17
PERCENT OF MUSEUMS .	9.9	.0	13.3	20.8	9.8	.0	14.9	8.7
NATURAL HISTORY AND NATURAL SCIENCE...	703	17	41	110	167	65	284	20
PERCENT OF MUSEUMS .	16.0	2.7	80.8	28.7	7.6	39.4	35.5	10.2
PLANTS, AGRICULTURE, ARBOREOUS, BOTANICAL, HORTICULTURAL.....	701	18	4	89	215	74	293	9
PERCENT OF MUSEUMS .	15.9	2.9	7.1	23.3	9.8	44.5	36.7	4.4
GENERAL SCIENCE.....	150	4	11	36	32	10	54	4
PERCENT OF MUSEUMS .	3.4	.6	20.8	9.5	1.4	6.1	6.7	2.0
PHYSICAL SCIENCE AND MATHEMATICS.......	109	7	3	17	37	1	41	4
PERCENT OF MUSEUMS .	2.5	1.1	5.9	4.3	1.7	.6	5.1	2.1
TECHNOLOGY..........	260	3	5	33	90	13	68	48
PERCENT OF MUSEUMS .	5.9	.4	9.4	8.6	4.1	7.6	8.6	24.4
OTHER SCIENCE.......	12	0	2	0	0	2	9	0
PERCENT OF MUSEUMS .	.3	.0	2.9	.0	.0	1.2	1.1	.0

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TABLE 6.--FREQUENCIES OF OBJECTS IN COLLECTION - SPECIALIZED, BY TYPE OF MUSEUM AND TYPE OF OBJECTS IN COLLECTION: UNITED STATES, FISCAL YEAR 1979

SPECIALIZED OBJECTS	TOTAL N = 4,408	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
ANTIQUES	2,111	100	13	259	1,479	48	104	107
PERCENT OF MUSEUMS	47.9	16.4	26.2	67.9	67.1	28.8	13.0	54.6
ARCHITECTURAL	878	36	2	73	681	27	36	22
PERCENT OF MUSEUMS	19.9	5.9	3.9	19.2	30.9	16.4	4.5	11.3
AUDIO-VISUAL AND FILM	650	29	3	68	354	56	108	33
PERCENT OF MUSEUMS	14.8	4.8	5.1	17.8	16.1	33.6	13.5	16.8
CIRCUS	42	1	5	14	17	0	1	5
PERCENT OF MUSEUMS	1.0	.2	10.0	3.6	.8	.0	.1	2.3
COMMUNICATIONS	319	10	9	50	173	10	27	40
PERCENT OF MUSEUMS	7.2	1.6	17.1	13.1	7.9	6.1	3.4	20.4
COSTUME	1,308	79	21	179	904	35	51	38
PERCENT OF MUSEUMS	29.7	13.0	41.2	46.9	41.0	21.2	6.4	19.3
CRIME	38	3	0	6	28	0	1	1
PERCENT OF MUSEUMS	.9	.4	.0	1.6	1.3	.0	.1	.5
FORESTRY	131	0	0	16	52	18	39	7
PERCENT OF MUSEUMS	3.0	.0	.0	4.1	2.4	10.6	4.9	3.7
FURNITURE	1,657	97	5	212	1,213	28	39	64
PERCENT OF MUSEUMS	37.6	16.0	9.0	55.4	55.1	16.7	4.8	32.6
GUN	801	34	0	107	571	28	33	28
PERCENT OF MUSEUMS	18.2	5.6	.0	28.0	25.9	17.0	4.1	14.3
HOBBY	198	10	1	40	121	3	4	19
PERCENT OF MUSEUMS	4.5	1.6	2.1	10.5	5.5	1.5	.5	9.7
HOROLOGICAL	145	14	0	27	77	0	25	2
PERCENT OF MUSEUMS	3.3	2.3	.0	7.0	3.5	.0	3.1	1.1
MONEY AND NUMISMATIC	274	13	2	54	149	6	37	13
PERCENT OF MUSEUMS	6.2	2.1	3.9	14.2	6.8	3.3	4.7	6.7
MUSICAL INSTRUMENTS	596	26	11	89	418	1	26	26
PERCENT OF MUSEUMS	13.5	4.3	22.1	23.2	19.0	.6	3.2	13.1
PHILATELICAL	80	3	5	16	35	0	17	4
PERCENT OF MUSEUMS	1.8	.5	8.8	4.1	1.6	.0	2.1	2.1
RELIGIOUS	443	27	2	63	286	9	31	27
PERCENT OF MUSEUMS	10.0	4.4	3.9	16.4	13.0	5.2	3.8	13.5
THEATRICAL	178	10	6	3	154	3	1	2
PERCENT OF MUSEUMS	4.0	1.6	11.8	.8	7.0	1.8	.1	.8
TOY AND DOLL	1,065	64	23	165	755	5	20	34
PERCENT OF MUSEUMS	24.2	10.4	46.1	43.3	34.2	2.7	2.5	17.2
TRANSPORTATION	630	13	6	73	431	18	19	70
PERCENT OF MUSEUMS	14.3	2.1	12.1	19.1	19.6	10.9	2.3	35.6
OTHER SPECIALIZED	311	37	4	60	149	7	35	20
PERCENT OF MUSEUMS	7.0	6.0	6.9	15.7	6.8	3.9	4.3	10.1

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Table 7.--Museums With Fire And Burglar Alarms, By Type
N=4,408

Type of Museum	Fire Alarms		Burglar Alarms	
	System in Existence	Connected to Local Authorities	System in Existence	Connected to Local Authorities
All Museums	2,310	1,724	2,420	1,825
(% of Museums)	(53.0)	(75.0)	(55.0)	(75.0)
Art	443	344	506	415
(%)	(73.0)	(78.0)	(83.0)	(82.0)
Children's	34	27	29	23
(%)	(67.0)	(80.0)	(57.0)	(79.0)
General	200	149	239	168
(%)	(52.0)	(75.0)	(62.0)	(70.0)
History	1,049	834	1,085	809
(%)	(48.0)	(80.0)	(49.0)	(75.0)
Parks & Visitor Centers	73	36	70	45
(%)	(44.0)	(49.0)	(42.0)	(64.0)
Science	408	253	375	283
(%)	(51.0)	(62.0)	(47.0)	(75.0)
Specialized	103	81	116	83
(%)	(53.0)	(78.0)	(59.0)	(71.0)

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Table 8.--Museums Employing Security Guards, By Type

Type of Museum	Totals	Employ Security Guards	
		Number	Percent
All Museums	4,408	1,242	28.0
Art	609	378	62.0
Children's	51	13	26.0
General	382	117	31.0
History	2,204	334	15.0
Parks & Visitor Centers	165	42	26.0
Science	800	309	39.0
Specialized	197	47	24.0

Table 9.--Number Of Security Guards, By Type Of Museum
N=4,408

Type of Museum	Total with Security Guards	Number of Security Guards						
		1-5	6-10	11-15	16-20	21-25	26-50	51-Plus
All Museums	1,232	902	169	56	30	21	42	12
(% of Museums)	(100.0)	(73.0)	(14.0)	(5.0)	(2.0)	(2.0)	(3.0)	(1.0)
Art	378	242	63	27	12	7	19	8
(%)	(100.0)	(64.0)	(17.0)	(7.0)	(3.0)	(2.0)	(5.0)	(2.0)
Children's	13	11	1	--	--	1	--	--
(%)	(100.0)	(84.0)	(8.0)	--	--	(8.0)	--	--
General	117	82	19	3	4	1	8	--
(%)	(100.0)	(70.0)	(16.0)	(3.0)	(3.0)	(1.0)	(7.0)	--
History	333	261	37	12	11	7	5	--
(%)	(100.0)	(78.0)	(11.0)	(4.0)	(3.0)	(2.0)	(2.0)	--
Parks & Visitor Centers	42	39	1	2	--	--	--	--
(%)	(100.0)	(93.0)	(2.0)	(5.0)	--	--	--	--
Science	302	230	44	8	3	3	10	4
(%)	(100.0)	(76.0)	(15.0)	(3.0)	(1.0)	(1.0)	(3.0)	(1.0)
Specialized	48	38	4	4	--	2	--	--
(%)	(100.0)	(79.0)	(8.0)	(8.0)	--	(4.0)	--	--

Table 10.--Museums With Security Training Programs, By Type

Type of Museum	Totals	Have Security Training Programs	
		Number	Percent
All Museums	4,408	708	16.0
Art	609	186	31.0
Children's	51	3	5.0
General	382	66	17.0
History	2,204	218	10.0
Parks & Visitor Centers	165	46	28.0
Science	800	157	20.0
Specialized	197	33	17.0

Table 11.--Museums Doing Conservation On Objects Not Belonging To Their Own Institution, By Type Of Museum

Type of Museum	Totals	Conservation Done for Others	
		Number	Percent
All Museums	4,408	528	12.0
Art	609	103	20.0
Children's	51	1	0
General	382	49	9.0
History	2,204	146	28.0
Parks & Visitor Centers	165	14	3.0
Science	800	199	38.0
Specialized	197	17	3.0

Table 12.--Objects Receiving Conservation, Protection, Maintenance, Etc., By Type Of Museum

Conservation Activities	All Museums	Art	Children's	General	History	Parks and Visitor Centers	Science	Specialized
Total Count (% Yes)*	4,408 (100.0)	609 (100.0)	51 (100.0)	382 (100.0)	2,204 (100.0)	165 (100.0)	800 (100.0)	197 (100.0)
Paintings	734 (17.0)	227 (37.0)	4 (7.0)	78 (21.0)	314 (14.0)	16 (10.0)	65 (8.0)	30 (15.0)
Work on Paper	998 (23.0)	190 (31.0)	5 (9.0)	91 (24.0)	579 (26.0)	20 (12.0)	70 (9.0)	44 (23.0)
Sculpture	251 (6.0)	118 (19.0)	8 (15.0)	33 (9.0)	47 (2.0)	5 (3.0)	31 (4.0)	10 (5.0)
Books	780 (18.0)	62 (10.0)	5 (10.0)	93 (25.0)	412 (19.0)	38 (23.0)	111 (14.0)	58 (30.0)
Photographs	983 (22.0)	105 (17.0)	3 (6.0)	125 (33.0)	533 (24.0)	47 (29.0)	91 (11.0)	80 (41.0)
Furniture	987 (22.0)	72 (12.0)	6 (11.0)	119 (31.0)	686 (31.0)	32 (19.0)	22 (3.0)	51 (26.0)
Conservation of Endangered Species	330 (7.0)	3 (0.4)	1 (0.2)	31 (0.8)	9 (0.4)	16 (1.0)	268 (3.4)	3 (0.7)
Genetic Back-Breeding to Reproduce Extinct Species	18 (0.4)	0 (0)	1 (2.0)	0 (0)	4 (0.2)	6 (4.0)	6 (1.0)	2 (1.0)
Films, Microfiche, Etc.	350 (8.0)	21 (3.0)	0 (0)	41 (11.0)	154 (7.0)	20 (12.0)	77 (10.0)	36 (19.0)
Textiles	758 (17.0)	84 (14.0)	8 (16.0)	95 (25.0)	479 (22.0)	14 (9.0)	61 (8.0)	17 (9.0)

Table 12.--Objects Receiving Conservation, Protection, Maintenance, Etc., By Type Of Museum (continued)

Conservation Activities	All Museums	Art	Children's	General	History	Parks and Visitor Centers	Science	Specialized
Instruments	337 (8.0)	12 (2.0)	5 (9.0)	44 (11.0)	203 (9.0)	15 (9.0)	36 (5.0)	22 (11.0)
Ethnographical	300 (7.0)	24 (4.0)	11 (22.0)	46 (12.0)	91 (4.0)	13 (8.0)	113 (14.0)	1 (1.0)
Paleontological	114 (3.0)	3 (0.4)	4 (7.0)	16 (4.0)	21 (1.0)	10 (6.0)	61 (8.0)	0 (0)
Mounted Zoological	301 (7.0)	3 (0.4)	12 (24.0)	58 (15.0)	45 (2.0)	28 (17.0)	148 (19.0)	7 (4.0)
Mounted Botanical	198 (4.0)	2 (0.3)	8 (16.0)	28 (7.0)	24 (1.0)	27 (16.0)	109 (14.0)	0 (0)
Other	584 (13.0)	27 (4.0)	1 (2.0)	60 (16.0)	254 (12.0)	19 (12.0)	154 (19.0)	69 (35.0)

* Percents do not add to 100 since more than one activity can take place.

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TABLE 14.--PERCENT DISTRIBUTION OF COLLECTION IN SERIOUS NEED OF CONSERVATION, PRESERVATION, MAINTENANCE, OR PROTECTION, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

PERCENT OF COLLECTIONS IN SERIOUS NEED OF CONSERVATION	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL.......	4,408	609	51	382	2,204	165	800	197
PERCENT..........	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NONE..............	517	74	11	30	239	28	117	18
PERCENT..........	11.7	12.1	22.1	7.9	10.9	17.0	14.6	9.3
LESS THAN 5%.....	699	149	4	54	279	62	129	23
PERCENT..........	15.9	24.5	7.1	14.2	12.7	37.3	16.1	11.5
5% - 14%..........	842	132	1	111	411	16	139	33
PERCENT..........	19.1	21.6	2.1	28.9	18.6	9.4	17.4	16.6
15% - 24%........	817	124	7	75	442	20	121	29
PERCENT..........	18.5	20.3	13.9	19.7	20.1	11.8	15.1	14.6
25% - 49%........	745	79	17	69	410	10	130	32
PERCENT..........	16.9	12.9	33.8	18.0	18.6	5.8	16.2	16.3
MORE THAN 49%....	787	52	11	43	423	31	165	62
PERCENT..........	17.9	8.6	21.0	11.3	19.2	18.8	20.6	31.7

FIGURE 9--MUSEUMS IN SERIOUS NEED OF RESOURCES TO PERFORM CONSERVATION, BY TYPE OF MUSEUM
N = 4,408

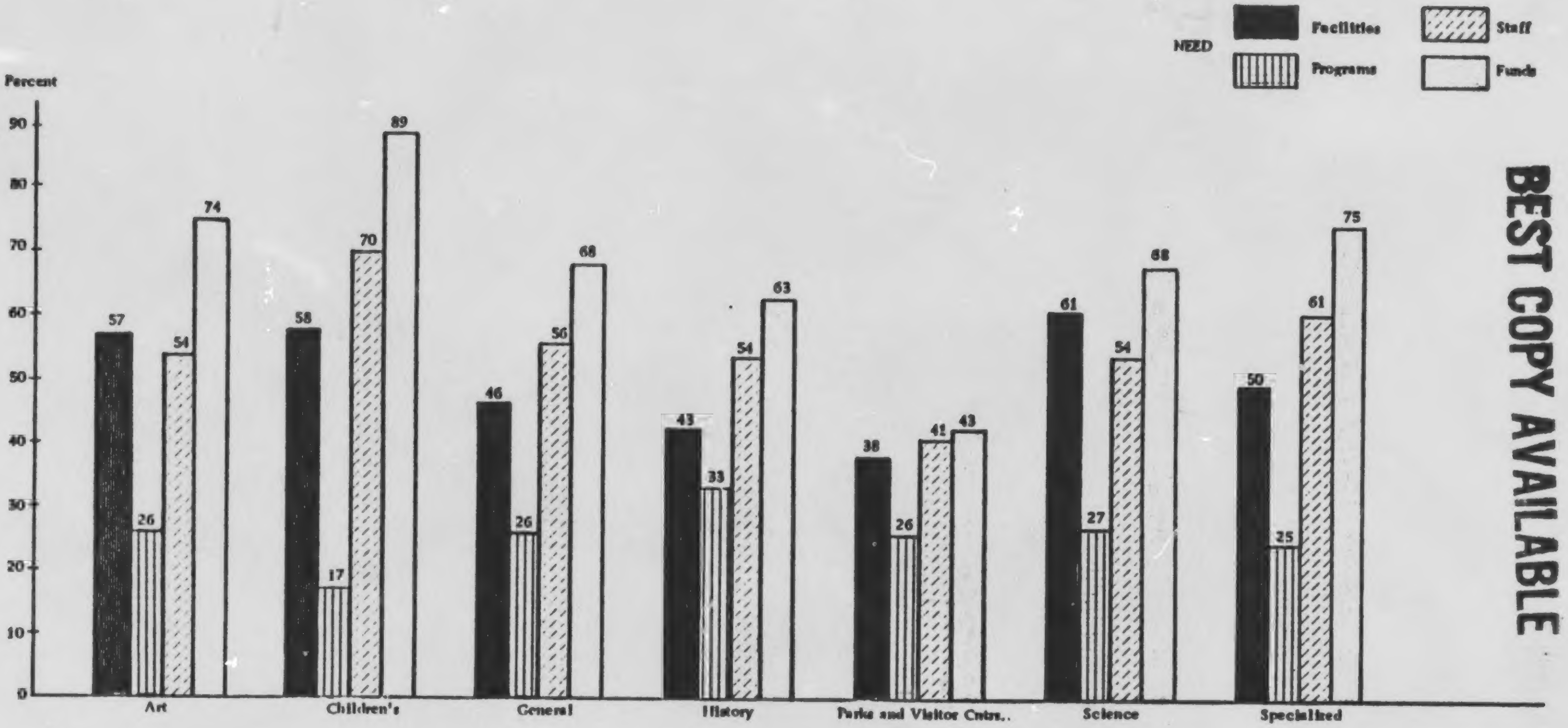

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Table 15.--Museums With A Board Of Trustees, By Type

Type of Museum	Totals	Board of Trustees	
		Number	Percent
All Museums	4,408	3,453	78.0
Art	609	520	85.0
Children's	51	47	92.0
General	382	332	87.0
History	2,204	1,791	81.0
Parks & Visitor Centers	165	58	35.0
Science	800	545	68.0
Specialized	197	161	82.0

Table 16.--Museums With A Board Of Trustees, By Size
N = 4,408

Size of Museum	Board of Trustees	
	Number of Museums	Percent
All Museums	3,453	78.0
$0	12	26.0
$1-25,000	1,375	85.0
$ 25,001-50,000	533	79.0
$50,001-75,000	210	69.0
$75,001-100,000	261	75.0
$100,001-200,000	378	71.0
$200,001-300,000	148	68.0
$300,001-400,000	135	76.0
$400,001-Plus	401	82.0

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FIGURE 11—MUSEUMS LOCATED WITHIN ONE-QUARTER MILE OF PUBLIC TRANSPORTATION
N = 4,408

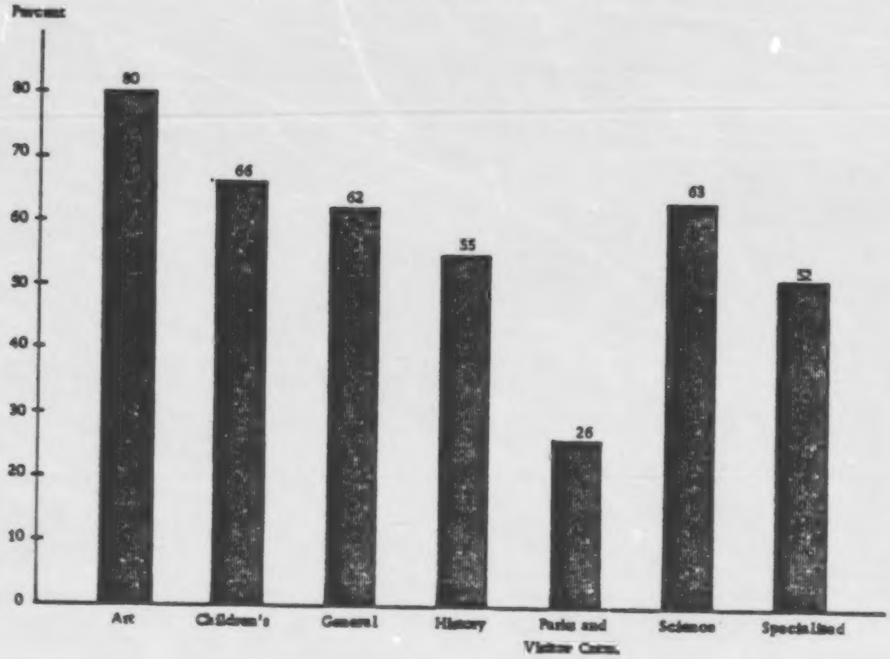

TABLE 20.--MUSEUMS WITH GENERAL ADMISSION FEES, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

GENERAL ADMISSION FEE ?	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL................	4,408	609	51	382	2,204	165	800	197
PERCENT..................	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
YES......................	1,401	97	21	95	733	25	310	121
PERCENT..................	31.8	15.9	40.7	24.8	33.3	14.8	38.8	61.5
NO.......................	3,007	512	30	288	1,471	141	490	76
PERCENT..................	68.2	84.1	59.3	75.2	66.7	85.2	61.2	38.5

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TABLE 21-A.--DISTRIBUTION OF DAILY GENERAL ADMISSION FEES FOR ADULT MEMBERS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

ADULTS	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL..........	4,408	609	51	382	2,204	165	800	197
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHANGE...........	4,328	608	50	379	2,158	162	780	192
PERCENT.............	98.2	99.8	97.9	99.1	97.9	97.9	97.5	97.5
$ .01 - $ .50.......	11	-	-	-	9	-	2	-
PERCENT.............	.2	-	-	-	.4	-	.2	-
$ .51 - $1.00.......	48	1	1	3	32	-	7	4
PERCENT.............	1.1	.2	2.1	.7	1.5	-	.9	2.0
$1.01 - $1.50.......	4	-	-	-	-	-	4	-
PERCENT.............	.1	-	-	-	-	-	.5	-
$1.51 - $2.00.......	11	-	-	1	-	4	6	-
PERCENT.............	.2	-	-	.3	-	2.1	.8	-
$2.01 - $4.00.......	7	-	-	-	5	-	1	1
PERCENT.............	.1	-	-	-	.2	-	.1	.5

TABLE 21-B.--DISTRIBUTION OF DAILY GENERAL ADMISSION FEES FOR CHILD MEMBERS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

CHILDREN	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL..........	4,408	609	51	382	2,204	165	800	197
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE...........	4,346	608	50	379	2,168	165	784	192
PERCENT.............	98.6	99.8	97.9	99.1	98.4	100.0	98.1	97.5
$ .01 - $ .50.......	47	1	1	4	31	-	7	4
PERCENT.............	1.1	.2	2.1	.9	1.4	-	.8	2.0
$ .51 - $1.00.......	14	-	-	-	5	-	9	-
PERCENT.............	.3	-	-	-	.2	-	1.1	-
$1.01 - $1.50.......	1	-	-	-	-	-	-	1
PERCENT.............	.0	-	-	-	-	-	-	.5

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TABLE 21-C.--DISTRIBUTION OF DAILY GENERAL ADMISSION FEES FOR STUDENT MEMBERS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

STUDENTS	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL..........	4,408	609	51	382	2,204	165	800	197
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE...........	4,382	608	51	379	2,195	165	789	196
PERCENT.............	99.4	99.8	100.0	99.1	99.6	100.0	98.6	99.5
$ .01 - $ .50.......	10	1	-	4	5	-	1	-
PERCENT.............	.2	.2	-	.9	.2	-	.1	-
$ .51 - $1.00.......	15	-	-	-	5	-	9	1
PERCENT.............	.3	-	-	-	.2	-	1.1	.5
$1.01 - $1.50.......	1	-	-	-	-	-	1	-
PERCENT.............	.0	-	-	-	-	-	.1	-

TABLE 21-D.--DISTRIBUTION OF DAILY GENERAL ADMISSION FEES FOR SENIOR CITIZEN MEMBERS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

SENIOR CITIZENS	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL..........	4,408	609	51	382	2,204	165	800	197
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE...........	4,391	609	51	382	2,195	165	793	196
PERCENT.............	99.6	100.0	100.0	100.0	99.6	100.0	99.1	99.5
$ .01 - $ .50.......	6	-	-	-	5	-	1	-
PERCENT.............	.1	-	-	-	.2	-	.1	-
$ .51 - $1.00.......	7	-	-	-	-	-	6	1
PERCENT.............	.2	-	-	-	-	-	.8	.5
$1.01 - $1.50.......	5	-	-	-	5	-	-	-
PERCENT.............	.1	-	-	-	.2	-	-	-

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TABLE 21-E.--DISTRIBUTION OF DAILY GENERAL ADMISSION FEES FOR GROUP MEMBERS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

GROUP RATE	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL...........	4,408	609	51	382	2,204	165	800	197
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE...........	4,389	609	51	380	2,195	165	793	197
PERCENT.............	99.6	100.0	100.0	99.3	99.6	100.0	99.2	100.0
$ .01 - $ .50.......	9	-	-	-	5	-	5	-
PERCENT.............	.2	-	-	-	.2	-	.6	-
$ .51 - $1.00.......	4	-	-	3	-	-	1	-
PERCENT.............	.1	-	-	.7	-	-	.1	-
$1.01 - $1.50.......	-	-	-	-	-	-	-	-
PERCENT.............	-	-	-	-	-	-	-	-
$1.51 - $2.00.......	6	-	-	-	5	-	1	-
PERCENT.............	.1	-	-	-	.2	-	.1	-

TABLE 21-F.--DISTRIBUTION OF DAILY GENERAL ADMISSION FEES FOR OTHER MEMBERS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

OTHERS	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL...........	4,408	609	51	382	2,204	165	800	197
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE...........	4,388	609	51	381	2,188	165	797	197
PERCENT.............	99.5	100.0	100.0	99.7	99.3	100.0	99.6	100.0
$ .01 - $ .50.......	-	-	-	-	-	-	-	-
PERCENT.............	-	-	-	-	-	-	-	-
$ .51 - $1.00.......	16	-	-	-	16	-	-	-
PERCENT.............	.4	-	-	-	.7	-	-	-
$1.01 - $1.50.......	1	-	-	1	-	-	-	-
PERCENT.............	.0	-	-	.3	-	-	-	-
$1.51 - $2.00.......	-	-	-	-	-	-	-	-
PERCENT.............	-	-	-	-	-	-	-	-
$2.01 - $4.00.......	-	-	-	-	-	-	-	-
PERCENT.............	-	-	-	-	-	-	-	-
$4.01 - $6.00.......	3	-	-	-	-	-	3	-
PERCENT.............	.1	-	-	-	-	-	.4	-

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FIGURE 13--MUSEUMS CHARGING ADMISSION FEES, BY SIZE OF MUSEUM

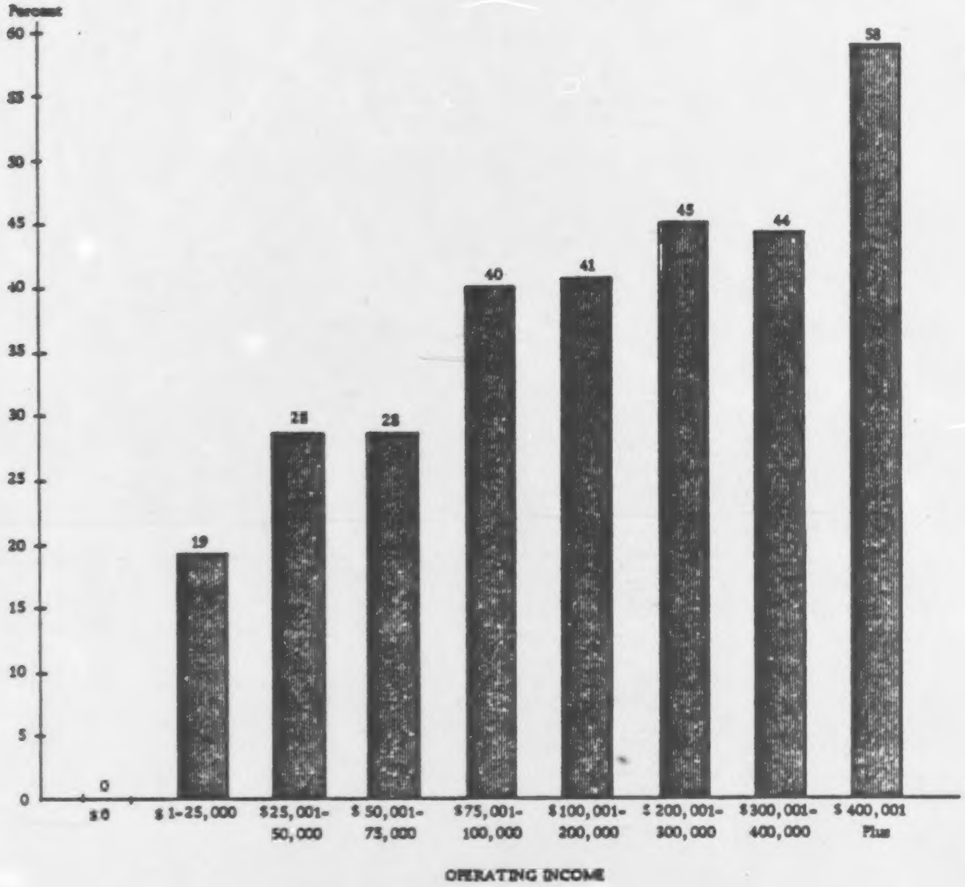


TABLE 23.--TOTAL OPERATING INCOME, BY TYPE OF MUSEUM AND SOURCE OF OPERATING INCOME: UNITED STATES, FISCAL YEAR 1979

SOURCE OF OPERATING INCOME	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL........	1,088,086,833	294,443,204	8,449,858	88,315,154	260,712,515	29,732,899	379,618,004	26,615,200
PERCENT...........	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
FEDERAL GOVERNMENT	147,744,726	24,712,961	931,725	8,379,755	48,452,517	12,653,896	51,629,947	983,926
PERCENT...........	13.6	8.4	11.0	9.5	18.6	42.6	13.6	3.7
STATE GOVERNMENT..	126,466,372	14,229,149	406,490	14,012,660	67,427,167	4,064,509	24,840,704	1,485,694
PERCENT...........	11.6	4.8	4.8	15.9	25.9	13.7	6.5	5.6
LOCAL GOVERNMENT..	187,798,795	42,068,837	1,991,254	20,874,193	18,243,069	6,188,787	95,525,443	2,907,213
PERCENT...........	17.3	14.3	23.6	23.6	7.0	20.8	25.2	10.9
FOUNDATIONS.......	45,639,386	16,045,810	587,136	3,267,914	6,201,371	737,840	18,028,685	770,630
PERCENT...........	4.2	5.4	6.9	3.7	2.4	2.5	4.7	2.9
CORPORATIONS......	25,904,160	13,676,011	404,251	1,622,831	3,050,921	2,500	6,349,250	798,397
PERCENT...........	2.4	4.6	4.8	1.8	1.2	.0	1.7	3.0
INDIVIDUAL CONTRIBUTIONS...	47,097,193	18,570,560	670,167	3,411,819	8,536,306	372,637	13,719,106	1,816,597
PERCENT...........	4.3	6.3	7.9	3.9	3.3	1.3	3.6	6.8
EARNED INCOME.....	459,712,864	142,613,098	3,208,724	31,377,422	101,301,273	4,962,592	160,060,026	16,169,729
PERCENT...........	42.2	48.4	38.0	35.5	38.9	16.7	42.1	60.8
OTHER SOURCES.....	47,723,337	22,526,778	250,111	5,368,561	7,499,891	750,139	9,664,843	1,663,014
PERCENT...........	4.4	7.7	3.0	6.1	2.9	2.5	2.5	6.2

TABLE 24.--SOURCE OF EARNED INCOME, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

SOURCE OF EARNED INCOME	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
ALL SOURCES....	$460,093,865	$142,613,098	$3,208,724	$31,427,737	$101,351,769	$4,962,592	$160,340,216	$16,189,729
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ADMISSION FEES......	135,314,694	16,037,121	549,272	8,752,237	39,112,038	1,984,210	62,114,026	6,765,791
PERCENT.............	29.4	11.2	17.1	27.8	38.6	40.0	38.7	41.8
TUITION FEES........	18,706,575	13,009,879	419,424	1,069,679	671,045	37,465	3,395,703	103,381
PERCENT.............	4.1	9.1	13.1	3.4	.7	.8	2.1	.6
MEMBERSHIP DUES.....	50,303,190	21,570,177	328,416	2,627,838	7,145,107	375,259	16,177,123	2,079,270
PERCENT.............	10.9	15.1	10.2	8.4	7.0	7.6	10.1	12.8
INVESTMENT INCOME...	40,387,854	17,135,413	29,327	1,109,310	12,382,451	76,755	9,155,364	499,234
PERCENT.............	8.8	12.0	.9	3.5	12.2	1.5	5.7	3.1
ENDOWMENT INCOME....	102,889,457	47,841,409	1,254,999	11,577,948	12,897,497	115,481	28,063,738	1,138,367
PERCENT.............	22.4	33.5	39.1	36.8	12.7	2.3	17.5	7.0
FOOD SERVICE (NET INCOME)......	13,505,504	965,887	7,361	1,100,558	2,176,664	228,992	8,418,687	607,355
PERCENT.............	2.9	.7	.2	3.5	2.1	4.6	5.3	3.8
MUSEUM SHOP (NET INCOME)......	35,284,476	9,639,775	182,328	2,063,523	11,220,387	208,574	9,663,672	2,306,217
PERCENT.............	7.7	6.8	5.7	6.6	11.1	4.2	6.0	14.2
AUXILIARY SERVICES (NET INCOME)......	18,295,902	4,854,392	47,439	927,589	2,416,010	1,691,247	6,965,838	1,393,438
PERCENT.............	4.0	3.4	1.5	3.0	2.4	34.1	4.3	8.6
OTHER INCOME........	45,406,212	11,559,096	390,159	2,199,055	13,330,572	244,609	16,386,065	1,296,657
PERCENT.............	9.9	8.1	12.2	7.0	13.2	4.9	10.2	8.0

TABLE 25.--DISTRIBUTION OF OPERATING EXPENDITURES ACROSS PROGRAM AREAS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

AREA OF EXPENDITURE	TOTAL 1/	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL EXPENDITURES......	$1,005,216,926	$263,870,725	$8,270,691	$84,252,742	$226,422,836	$27,767,950	$367,552,882	$27,079,106
PERCENT..............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CURATORIAL...........	128,412,878	35,915,456	596,566	14,861,884	22,001,442	1,749,608	50,942,219	2,345,701
PERCENT..............	12.8	13.6	7.2	17.6	9.7	6.3	13.9	8.7
EXHIBITS.............	130,504,418	33,896,482	767,827	9,095,279	23,949,514	1,255,024	57,922,972	3,617,320
PERCENT..............	13.0	12.8	9.3	10.8	10.6	4.5	15.8	13.4
CONSERVATION.........	48,373,816	7,265,564	119,352	2,949,943	8,314,781	1,096,145	27,742,312	885,719
PERCENT..............	4.8	2.8	1.4	3.5	3.7	3.9	7.5	3.3
EDUCATION............	108,777,250	25,893,977	2,501,109	8,441,614	23,390,388	3,932,249	40,563,653	4,054,380
PERCENT..............	10.8	9.8	30.2	10.0	10.3	14.2	11.0	15.0
DEVELOPMENT..........	19,787,082	6,060,506	222,845	1,015,830	5,260,841	280,346	6,312,441	634,273
PERCENT..............	2.0	2.3	2.7	1.2	2.3	1.0	1.7	2.3
MEMBERSHIP...........	18,707,421	6,771,282	226,492	1,649,612	3,287,314	89,683	6,188,767	494,271
PERCENT..............	1.9	2.6	2.7	2.0	1.5	.3	1.7	1.8
PUBLIC INFORMATION..	40,241,948	7,202,432	249,945	4,362,835	11,830,499	1,763,169	13,494,592	1,338,475
PERCENT..............	4.0	2.7	3.0	5.2	5.2	6.3	3.7	4.9
PAID ADVERTISING....	10,425,055	1,214,074	12,836	523,274	3,729,419	73,665	4,502,700	369,085
PERCENT..............	1.0	.5	.2	.6	1.6	.3	1.2	1.4
SECURITY.............	55,050,319	24,280,987	312,048	5,850,328	9,160,469	838,618	13,397,386	1,210,483
PERCENT..............	5.5	9.2	3.8	6.9	4.0	3.0	3.6	4.5
GENERAL ADMINISTRATION....	200,234,605	60,359,133	1,999,691	16,024,787	54,893,689	5,650,300	55,132,816	6,174,189
PERCENT..............	19.9	22.9	24.2	19.0	24.2	20.3	15.0	22.8
BUILDING AND MAINTENANCE........	189,842,119	39,874,682	1,182,374	14,496,822	47,632,794	10,419,491	71,420,941	4,815,065
PERCENT..............	18.9	15.1	14.3	17.2	21.0	37.5	19.4	17.8
OTHER AREAS..........	54,860,016	15,136,150	79,606	4,980,533	12,971,816	619,651	19,932,082	1,140,178
PERCENT..............	5.5	5.7	1.0	5.9	5.7	2.2	5.4	4.2

1/ - EXCLUDES MUSEUMS NOT REPORTING EXPENDITURE DISTRIBUTIONS

III. FINANCE

As discussed in Chapter II, museums were estimated to have received approximately 350 million visitors last year. Visitors supported museums through memberships, admission fees, and purchases in museum-run shops or cafeterias. However, such support was often not sufficient to maintain museums because most museums relied on outside sources for over half of their operating income. The increased flow of visitors through museums appeared also to have taken its toll on the buildings and exhibits because over one-third of all museum expenditures were used for building/maintenance and exhibit expenses.

This chapter analyzes survey responses relating to finance and attempts to answer the following questions about the financial status of museums in 1979:

- What was the demand for museum services?
- What was the level of private support of museums?
- What was the level of Federal support?
- How many museums experienced severe financial problems in 1979?
- How did museums experiencing financial difficulty differ from other museums regarding their policies for user programs and fees, types and numbers of staff, and conservation needs?
- Were museums able to absorb the impact of inflation on the cost of salaries, wages, goods, and services without reducing the level of current operations below the prior year's level?

1. WHAT WAS THE DEMAND FOR MUSEUM SERVICES?

Attendance figures reported for 1979 were most often based on estimates. Less than half (45 percent) of all museums were able to base their attendance upon an accurate count to determine 1979 attendance; many museum directors indicated they had not yet closed out their books for the 1979 fiscal year and had to make projections for the remaining weeks of the year. Other museums simply did not maintain reliable records of attendance.

Those museums able to provide accurate attendance figures relied primarily on a checker/head count (see Table 27, end of chapter). Over half of all museums providing accurate attendance measurements used this method; attendance measurements were least likely to be obtained from turnstile counts (estimated 4 percent). Between 1975 and 1979, the majority (around 60 percent) of all museums had between 1 and 25,000 visitors per year (see Table 28, end of chapter). Over the five-year period, there was a decrease in the number of museums reporting no attendance (e.g., museums not yet opened or closed for renovation). In 1975, an estimated 10 percent of all museums fell in this cate gory. The steady decline of such museums (less than 1 percent in 1979) was most likely due to museum openings during that period.

What types of museums received the greatest number of visitors? In the five-year period studied, approximately half of all museums receiving over 300,000 visitors per year were science museums (see Table 29, end of chapter). The trends in total attendance over the five-year period differed markedly across museum types. For example, history museums experienced a surge of visitors during the bicentennial--total attendance went up approximately 28 percent from 1975 to 1976; however, the total 1979 attendance for history museums dropped back down to only 1 percent above the 1975 figure. Attendance in parks and visitor centers also peaked in 1976. Attendance at children's museums, on the other hand, rose steadily from 1975 through 1979. The 1979 attendance at children's museums was over two and one-half times as great as 1975 figures (see Table 30, end of chapter).

Table 31 displays average annual attendance by museum type, from which one can assess the differential volume of visitor flows. Parks and visitor centers and science museums had the largest average annual attendances. The average annual attendance for both museum types was approximately 147,000 in 1975; for science museums, the average rose to approximately 188,000 in 1979 and for parks and visitor centers to 160,000. The lowest average annual attendance was found at children's museums in 1975 (approximately 20,000 visitors); however, by 1979, the average had risen to 54,000, surpassing both history and specialized museums in average annual attendance.

2. WHAT WAS THE LEVEL OF PRIVATE SUPPORT OF MUSEUMS?

In 1979, museums received less than one-fourth of their total operating income from private sources, such as foundations, corporations, individual contributions, and other sources. Art museums received the greatest relative percentage of their total operating income from private sources (25 percent) and parks and visitor centers the least (6 percent). On the whole, museums received approximately the same financial support (4 percent of total operating income) from each of foundations, individuals, and other sources. Financial support from corporations made up only an estimated 2 percent of total operating income (see Table 32).

Science museums received the greatest percentage (5 percent of total operating income) of their private support from foundations. Children's, specialized, and history museums received the greatest private support from individuals (8, 7, and 3 percent, respectively); and art and general museums received the greatest private support (8 and 6 percent of total operating income, respectively) from other sources, such as universities, community or religious groups, and other private sources.

3. WHAT WAS THE LEVEL OF FEDERAL SUPPORT OF MUSEUMS?

Museums continued to rely on financial support from the Federal government, but it appeared that most Federal support came from sources other than the Smithsonian, Institute of Museum Services, National Science Foundation, National

TABLE 31.--AVERAGE ANNUAL ATTENDANCE, 1975-1979, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

AVERAGE ATTENDANCE	ART	TYPE OF MUSEUM					
		CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
1975......	69,143	20,009	53,286	38,289	146,460	147,079	43,794
1976......	69,031	26,263	60,417	48,918	167,123	167,894	47,565
1977......	72,277	43,023	59,901	41,078	157,950	196,058	50,191
1978......	74,469	48,751	61,544	40,063	160,662	179,898	49,746
1979......	81,817	53,566	63,869	38,840	158,768	187,820	44,445

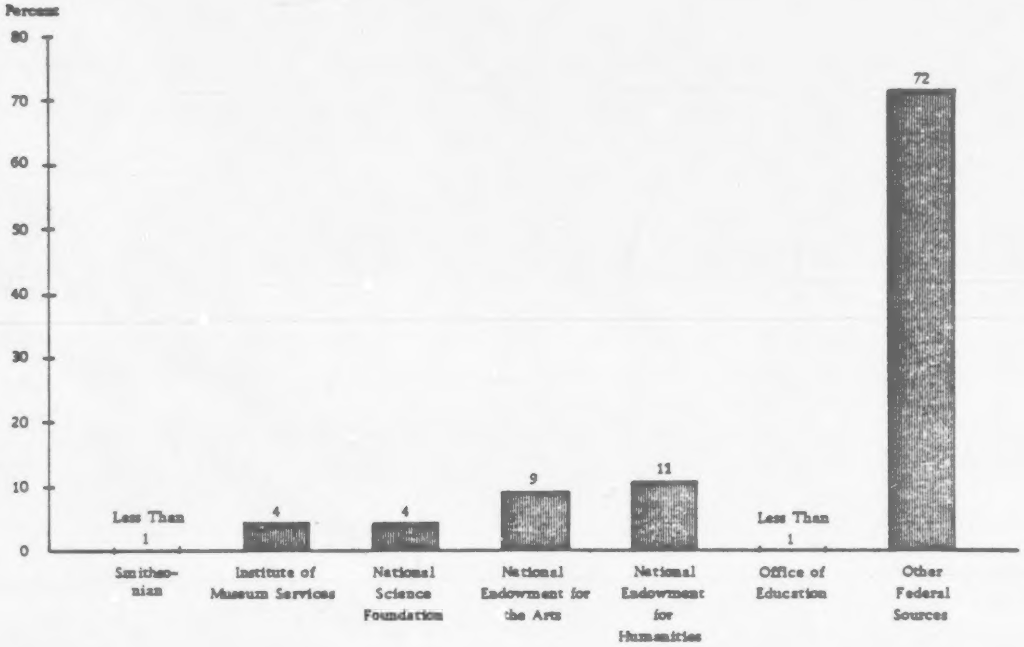
Table 32.--Percentages Of Total Cash Operating Income From Foundations, Corporations, And Other Non-Government Sources

	All Museums	Art	Children's	General	History	Parks and Visitor Centers	Science	Specialized
Total Operating Income	$1,088,086,733	$294,443,182	$8,449,854	$88,315,151	$260,712,507	$29,732,898	$379,817,942	$26,615,197
(Percent)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)
Total Private Support	166,364,067	70,819,159	1,911,664	13,671,125	25,288,489	1,863,116	47,761,878	5,048,637
(% Total Operating Income)	(15.0)	(25.0)	(23.0)	(16.0)	(9.0)	(6.0)	(13.0)	(19.0)
Foundations	45,639,383							
(% Total Operating Income)	(4.2)	(5.4)	(6.9)	(3.7)	(2.3)	(2.5)	(4.7)	(2.8)
Corporations	25,904,158							
(% Total Operating Income)	(2.3)	(4.6)	(4.8)	(1.8)	(1.2)	--	(1.7)	(2.9)
Individual Contributions	47,097,190							
(% Total Operating Income)	(4.3)	(6.3)	(7.9)	(3.9)	(3.3)	(1.2)	(3.6)	(6.8)
Other	47,723,336							
(% Total Operating Income)	(4.4)	(7.6)	(2.9)	(6.0)	(2.9)	(2.5)	(2.5)	(6.2)

Endowments for the Arts and Humanities, and the Office of Education. Parks and visitor centers received the greatest relative percentage of support (estimated 42 percent of total operating income) from Federal sources, and specialized museums received the least (estimated 4 percent; see Table 33, end of chapter).

All museum types received the largest percentage of Federal support (72 percent) from a combination of other sources, including the Department of the Interior, National Park Service, Young Adult Conservation Corps, National Trust for Historic Preservation, Department of Labor, and other sources (Figure 17). Parks and visitor centers received virtually all of their Federal support from these sources. The Smithsonian and Office of Education provided the least Federal support (less than one percent of total Federal support).

FIGURE 17—TOTAL FEDERAL SUPPORT FROM SPECIFIC SOURCES



4. HOW MANY MUSEUMS EXPERIENCED SEVERE FINANCIAL DIFFICULTIES?

Even with Federal and private financial support, some museums were not able to avoid financial losses. By subtracting total operating expenditures[1] from total operating income, all museums were classified into three categories:

Financial Category	Percent of Museums
Experienced an Operating Gain (+ value)	36%
Experienced an Operating Loss (- value)	11%
Broke Even (no difference ± $1,000)	53%

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[1] In the final months of the present project, a verification study of the total museum operating expenditures was conducted. Appendix E provides an overview of that study.

This rather simplistic classification has certain limitations. A financial loss in one year is not necessarily reflective of longer-term financial difficulties. The problem could be for one year only, such as a deficit due to a large unexpected maintenance expense.

Half of all museums broke even; parks and visitor centers had the highest relative percent of museums in that category (74 percent) and art museums the lowest (39 percent). Compared to other museum types, art museums were most likely to experience both a gain (44 percent) and a loss (18 percent). Unlike other types, more art museums experienced a gain (44 percent) than broke even (39 percent, see Figure 18). Because of the tendency of parks and visitor centers to have equal income and expenditures, those museums were least likely to experience a gain (24 percent) or a loss (2 percent). For example, a number of museums were run by a central administrative office; operating expenses for that type of museum came from one large fund in the central office. Any deficits or gains were absorbed by the central office and, thus, were not reflected in the budget of the museum. A number of the parks and visitor centers and historical societies were operated in such a manner.

Another indicator of the financial status of a museum is whether it had endowment funds. Approximately one-fourth of all museums had endowment funds in 1979. Art museums were most likely to have endowment funds; one out of two art museums had such funds. Parks and visitor centers were least likely to have endowment funds (see Table 34, end of chapter).

As might be expected, art museums also received the greatest amount of financial support from endowments compared to other museum types. An estimated 18 percent of all art museums with endowment funds had funds of $1 million or more. Next to parks and visitor centers, specialized museums received the least support from endowments. For specialized museums, less than 16 percent had any endowment funds, and the majority of those funds were less than $50,000.

A final indicator of the financial status of museums is a comparison of capital expenditures to operating expenditures. Evidence of capital expenditures implies that a museum had the ability to meet day-to-day operating expenditures and could also afford long-term additions or, possibly, acquisitions. The ability to make capital expenditures could also have been provided by a specific grant for that purpose. Table 35 displays the ratio of the two types of expenditures by type of museum. For all museums, total capital expenditures were less than one-fourth of total operating expenditures in 1979.

Children's museums had the highest ratio of capital expenditures to operating expenditures; parks and visitor centers and specialized museums had the lowest. For children's museums, total capital expenditures were equivalent to half the amount of the total operating expenditures. These figures, coupled with the significant increase in attendance at children's museums from 1975 to 1979, suggest that children's museums are expanding their facilities and collections in number and size to accommodate the increasing interest of the public in their programs.

Parks and visitor centers had the lowest ratio of capital to operating expenditures (.126:1), as might be expected due to the nature of their facilities.

FIGURE 18--MUSEUMS WHICH EXPERIENCED A GAIN, LOSS OR BROKE EVEN, BY TYPE

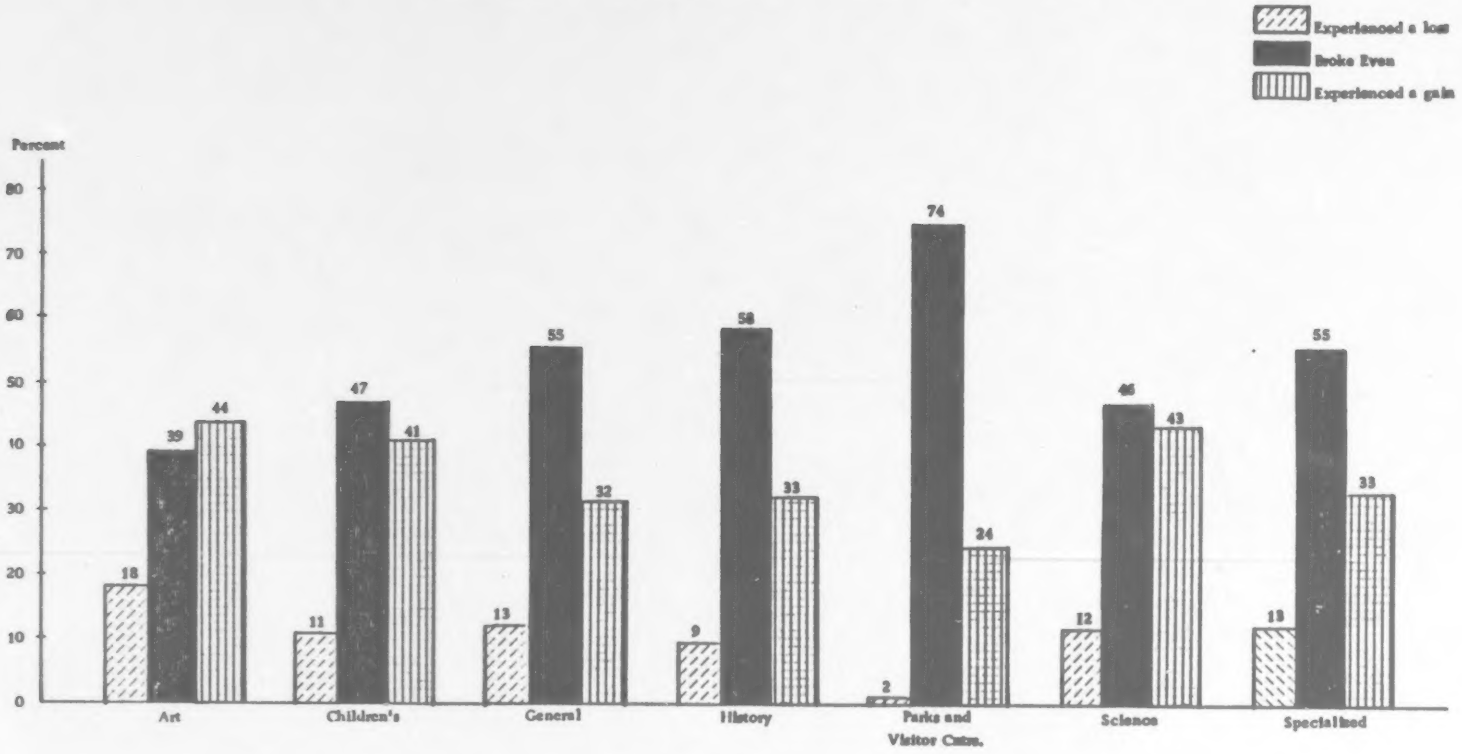


TABLE 35.--RATIO OF CAPITAL EXPENDITURES TO OPERATING EXPENDITURES, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

TYPE OF MUSEUM	TOTAL CAPITAL EXPENDITURES	TOTAL OPERATING EXPENDITURES	RATIO
TOTAL	$243,258,181	$1,016,793,023	0.239 : 1
ART	74,346,957	275,263,725	.270 : 1
CHILDREN'S	4,214,351	8,270,691	.510 : 1
GENERAL	17,938,441	84,435,840	.212 : 1
HISTORY	60,244,462	226,422,836	.266 : 1
PARKS AND VISITOR CENTERS	3,509,380	27,767,950	.126 : 1
SCIENCE	79,105,997	367,552,882	.215 : 1
SPECIALIZED	3,898,593	27,079,100	.144 : 1

5. HOW DID MUSEUMS EXPERIENCING FINANCIAL DIFFICULTY DIFFER FROM MUSEUMS EXPERIENCING A NET GAIN REGARDING THEIR POLICIES FOR USER PROGRAMS AND FEES, TYPES AND NUMBER OF STAFF, AND CONSERVATION NEEDS?

There were some observed differences in the activities and numbers and type of staff between those museums experiencing a net gain (i.e., positive operating income less operating expenditures) and those experiencing a net loss in 1979. This section compares the activities of the two groups in the areas of membership and admission fees and policies, number and type of staff, and conservation activities and needs.

As mentioned in the last section, approximately half of all museums were estimated to have equal operating expenses and incomes, 11 percent experienced a loss, and 36 percent a gain. Slightly more (three-fourths) of those museums experiencing a net loss had a membership program than those with a net gain (two-thirds). The median number of members among net loss museums (895) was also higher than those at net gain (504) museums and those that broke even (243). This could possibly suggest that, although some museums were experiencing financial difficulties, it was not due to declining public interest and/or support. On the other hand, it may also suggest that museums having financial difficulty are responding by building up membership programs.

Examination of median membership fees by museum categories provides further support of the above findings. Median membership fees of various types were almost always higher at museums that experienced a net loss.

Median Membership Fees, by Net Operating Income

Type of Membership Fee	Net Loss	Broke Even	Net Gain
Individual	$ 9.96	$ 3.88	$ 8.52
Family	21.67	7.76	16.96
Student	5.70	3.16	5.32
Donor	58.96	46.79	56.99
Senior Citizen	7.33	3.48	4.62
Patron	81.85	44.85	90.04
Business	79.82	68.55	110.48
Other	$170.87	$120.64	$135.83

It would appear that fees are higher at museums experiencing financial difficulty; however, they also have relatively high patron support. During telephone follow-ups, one museum director stated that the membership program at his institution was not undertaken to increase revenue but, rather, to increase exposure to museum activities and to encourage attendance. At the same institution, the costs of mailings and other benefits offered to members outweighed the revenue from membership dues. For all museums, income from memberships accounted for only 5 percent of total operating income. It would appear that membership programs may not be a viable approach to overcoming significant financial problems.

On the other hand, admission fees at all museums accounted for 12 percent of total operating income. Yet only an estimated 47 percent of museums with a net loss and 43 percent of those with a net gain charged admission. For museums in both categories, over 90 percent of each had fixed admission fees, not suggested fees. Unlike membership fees, the median admission fees of various types at net loss museums were not consistently higher than at net gain institutions.

	Financial Status		
Nonmember Fees	Net Loss	Broke Even	Net Gain
Adult	$1.18	$.71	$1.02
Child	.40	.25	.35
Student	.46	.23	.47
Senior Citizen	.67	.42	.84
Group Rate	.77	.56	.84
Other	.29	.35	0

On the average, museums experiencing a net loss employed a greater number of total staff than those with a net gain. The mean number of regular full-time staff at museums experiencing a net loss was 23; approximately half that number were employed on the average at museums experiencing a net gain.

Mean Number of Total Staff, by Net Income

	All Museums	Net Loss	Net Gain
Regular			
Full-time	9	23	12
Part-time	3	7	4
Temporary			
Full-time	1	2	1
Part-time	2	6	3
Volunteer			
Full-time	-	-	-
Part-time	23	47	33
CETA			
Full-time	1	1	1
Part-time	-	-	-

Museums experiencing a net loss also employed twice as many temporary staff (8) as those with a net gain (4).

Examining the type of staff employed by the two museum groups indicated that the types of staff employed were quite similar regardless of the museum's financial situation. Museum staff in all three groups were found to be concentrated in the areas of general administration, building/maintenance, security, education, and curatorial (see Table 36).

Table 36.--Mean Staff By Type, By Net Income

	Curatorial	Exhibit	Conservation	Education	Development	Membership	Public Information	Library	Generalist	General Administration	Security	Building	Other
REGULAR FULL-TIME													
All Museums	1	1	--	1	--	--	--	--	--	2	1	2	--
Net Loss	3	2	1	2	--	--	--	1	1	5	3	4	--
Net Gain	1	1	1	1	--	--	--	1	1	2	1	2	--
REGULAR PART-TIME													
All Museums	--	--	--	1	--	--	--	--	--	1	--	--	--
Net Loss	--	--	--	2	--	--	--	--	--	1	1	1	--
Net Gain	--	--	--	1	--	--	--	--	--	1	--	--	--

Almost half (47 percent and 48 percent, respectively) of the institutions experiencing either financial difficulties or financial gains had their own facilities for conservation, preservation, and/or protection of their collections. A slightly smaller percentage (40 percent) of the facilities breaking even had conservation facilities, indicating that there is no clear relationship between net income and having such facilities. The greatest frequency of museums experiencing a net loss to also have facilities was found at specialized museums (80 percent), and the lowest (31 percent) was found at general museums (see Table 37, end of chapter).

On the other hand, comparing museum estimates of the percent of collections needing conservation, preservation, and maintenance suggests there was essentially no difference in conservation needs between the two groups (see Table 38, end of chapter).

6. WERE MUSEUMS ABLE TO ABSORB THE IMPACT OF INFLATION ON THE COST OF SALARIES, WAGES, GOODS, AND SERVICES WITHOUT REDUCING THE LEVEL OF CURRENT OPERATIONS BELOW THE PRIOR YEAR'S LEVEL?

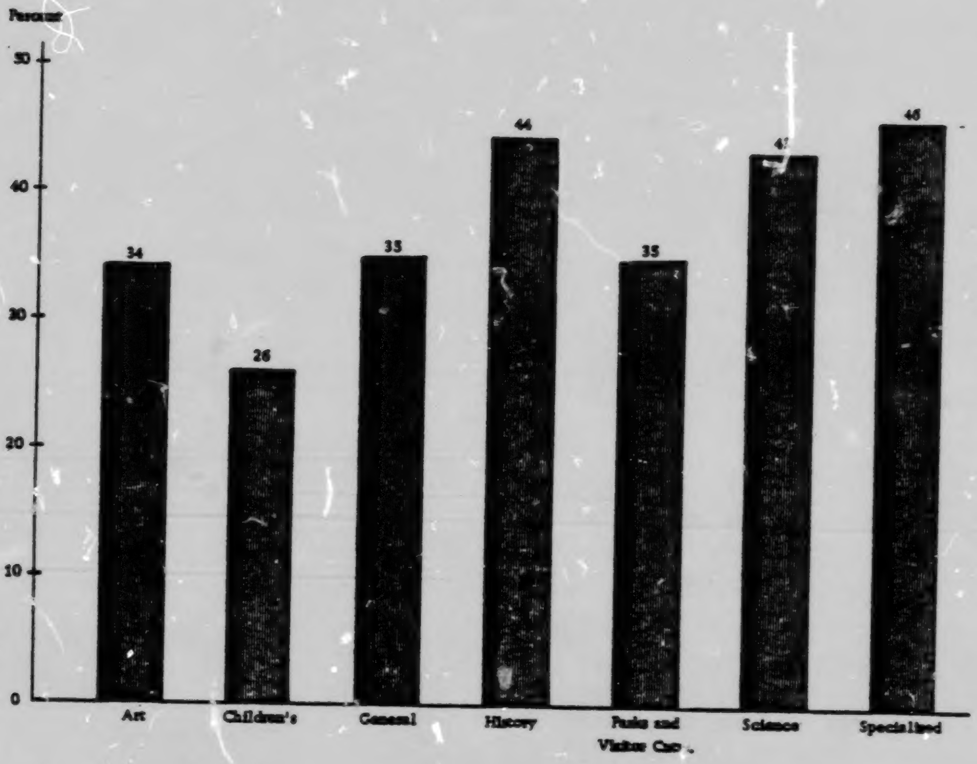
Most museums (65 percent) indicated that they had been able to maintain their level of activity despite inflation. The museum types most likely to reduce their level of operations due to the impact of inflation were specialized (46 percent) and science museums (43 percent). Children's museums were least likely (26 percent) to reduce operations because of inflation (Figure 19).

Across the nation, slightly less than one-half (44 percent) of the museums in the Great Lakes/Plains States had to reduce operations because of inflation; in contrast, an estimated one-fourth of the museums in the Southeast were not able to absorb the impact of inflation (see Table 39, end of chapter).

Museum directors who reported that their museum was unable to absorb the impact of inflation in 1979 were asked to indicate the extent of reduction in operations (if any) required in curatorial, education, security, exhibition, conservation/preservation, and other areas. The areas most affected by the rising cost of salaries, wages, goods, and services were exhibits and conservation of exhibits. Approximately three-fourths of the museums forced to reduce operations were forced to cut back in both of these areas.

Different museum types had varying priority areas that were reduced as a result of inflation. Art and science museums most frequently reduced exhibit activities. (An estimated 88 percent of the art museums and 81 percent of science museums unable to absorb inflation reduced activities related to exhibits.) All of the children's museums that had to reduce activities reported cutbacks in education. Three-fourths of general museums and 67 percent of specialized museums forced to reduce activities had to cut back in curatorial efforts. And, although conservation was found to be a major activity of history museums, approximately three-fourths (73 percent) of history museums forced to reduce activities reduced conservation activities (see Table 40, end of chapter).

FIGURE 19—MUSEUMS UNABLE TO ABSORB THE IMPACT OF INFLATION WITHOUT REDUCING THE LEVEL OF OPERATIONS, BY TYPE



TABLES AND FIGURES AT

END OF CHAPTER II

TABLE 27.--ACCURATE ATTENDANCE MEASUREMENT METHOD, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

TYPE OF ACCURATE MEASUREMENT METHOD	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL...........	1,990	247	23	170	953	107	381	108
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CHECKER/HEAD COUNT..	1,116	214	14	96	442	80	225	46
PERCENT.............	56.1	86.6	60.5	56.6	46.4	74.3	58.9	42.2
TURNSTILE...........	77	10	0	3	22	2	38	1
PERCENT.............	3.8	4.0	.0	1.8	2.3	1.9	10.1	1.0
CASH REGISTER COUNT.	272	19	3	19	130	4	75	23
PERCENT.............	13.7	7.7	13.2	11.0	13.6	3.7	19.7	21.2
OTHER METHOD........	525	4	6	52	359	22	43	39
PERCENT.............	26.4	1.7	26.4	30.6	37.7	20.1	11.3	35.5

Table 28.--Attendance Ranges, By Year (1975 Through 1979)

Attendance Range	1975	1976	1977	1978	1979
All Museums (Percent)	4,408 (100.0)	4,408 (100.0)	4,408 (100.0)	4,408 (100.0)	4,408 (100.0)
0 (Percent)	420 (10.0)	285 (7.0)	114 (3.0)	60 (1.0)	1 --
1-25,000 (Percent)	2,521 (57.0)	2,505 (57.0)	2,678 (61.0)	2,698 (61.0)	2,704 (61.0)
25,001-50,000 (Percent)	431 (10.0)	493 (11.0)	496 (11.0)	499 (11.0)	514 (12.0)
50,001-75,000 (Percent)	235 (5.0)	213 (5.0)	221 (5.0)	222 (5.0)	258 (6.0)
75,001-100,000 (Percent)	146 (3.0)	203 (5.0)	198 (5.0)	203 (5.0)	194 (4.0)
100,001-200,000 (Percent)	336 (8.0)	362 (8.0)	343 (8.0)	376 (9.0)	375 (9.0)
200,001-300,000 (Percent)	98 (2.0)	107 (2.0)	108 (3.0)	101 (2.0)	125 (3.0)
300,001-400,000 (Percent)	47 (1.0)	56 (1.0)	52 (1.0)	53 (1.0)	53 (1.0)
400,001-Plus (Percent)	175 (4.0)	183 (4.0)	198 (5.0)	196 (4.0)	183 (4.0)

TABLE 29.--ANNUAL ATTENDANCE: 1979, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

ATTENDANCE: 1979	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL..........	4,408	609	51	382	2,204	165	800	197
PERCENT..............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO ATTENDANCE	1	-	-	-	-	-	-	1
PERCENT..............	.0	-	-	-	-	-	-	.5
1 - 25,000	2,704	329	28	245	1,608	50	327	117
PERCENT..............	61.3	54.0	54.2	64.1	73.0	30.0	40.9	59.4
25,001 - 50,000	514	79	7	45	196	23	127	38
PERCENT..............	11.7	13.0	13.1	11.9	8.9	13.9	15.8	19.3
50,001 - 100,000	452	88	10	39	179	18	97	21
PERCENT..............	10.3	14.4	20.2	10.2	8.1	10.9	12.2	10.6
100,001 - 200,000	375	70	5	24	132	42	89	12
PERCENT..............	8.5	11.5	10.4	6.4	6.0	25.2	11.1	6.3
200,001 - 300,000	125	16	-	5	49	13	41	1
PERCENT..............	2.8	2.7	-	1.3	2.2	7.9	5.1	.5
300,001 - 400,000	53	6	-	5	6	3	28	5
PERCENT..............	1.2	1.0	-	1.3	.3	1.8	3.5	2.3
ABOVE 400,000 ...	183	21	1	18	33	17	40	2
PERCENT..............	4.2	3.5	2.1	4.7	1.5	10.3	11.2	1.1

TABLE 30.--TOTAL ANNUAL ATTENDANCE, 1975-1979, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

TYPE OF MUSEUM	1975	1976	1977	1978	1979
TOTAL................	298,316,686	345,620,472	352,409,113	339,859,622	347,757,044
PERCENT....................	100.0	100.0	100.0	100.0	100.0
ART........................	42,107,542	42,038,895	44,016,078	45,351,166	49,825,727
PERCENT....................	14.1	12.2	12.5	13.3	14.3
CHILDREN'S................	1,018,482	1,439,618	2,189,872	2,481,417	2,726,529
PERCENT....................	.3	.4	.6	.7	.8
GENERAL....................	20,365,757	23,091,311	22,894,294	23,521,988	24,410,798
PERCENT....................	6.8	6.7	6.5	6.9	7.0
HISTORY....................	84,376,219	107,798,567	90,522,485	88,286,284	85,590,068
PERCENT....................	28.3	31.2	25.7	26.0	24.6
PARKS AND VISITOR CENTERS	24,165,961	27,575,320	26,061,761	26,509,261	26,199,946
PERCENT....................	8.1	8.0	7.4	7.8	7.5
SCIENCE....................	117,661,344	134,313,130	156,844,059	143,916,535	150,254,512
PERCENT....................	39.4	38.9	44.5	42.3	43.2
SPECIALIZED................	8,621,382	9,363,632	9,880,564	9,792,951	8,749,465
PERCENT....................	2.9	2.7	2.8	2.9	2.5

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Table 33.--Total Cash Operating Income From Federal Government Sources, By Type

Income Source	All Museums	Art	Children's	General	History	Parks and Visitor Centers	Science	Specialized
Total Operating Income (Percent)	$1,088,086,733 (100.0)	$294,443,182 (100.0)	$8,449,854 (100.0)	$88,315,153 (100.0)	$260,712,507 (100.0)	$29,732,898 (100.0)	$379,817,942 (100.0)	$26,615,197 (100.0)
Total Federal Income (% Operating Income) (Percent)	147,744,709 (14.0) (100.0)	24,712,955 (8.0) (100.0)	931,724 (11.0) (100.0)	8,379,754 (8.0) (100.0)	48,452,516 (19.0) (100.0)	12,653,896 (42.0) (100.0)	51,629,937 (14.0) (100.0)	983,926 (4.0) (100.0)
Smithsonian NMA (Percent Federal Income)	229,666 (0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Institute of Museum Services (IMS) (Percent Federal Income)	5,435,085 (4.0)	(5.0)	(17.0)	(5.0)	(3.0)	(0)	(4.0)	(12.0)
National Science Foundation (NSF) (Percent Federal Income)	5,262,833 (4.0)	(1.0)	(5.0)	(6.0)	(0)	(0)	(9.0)	(0)
National Endowment for the Arts (NEA) (Percent Federal Income)	13,321,267 (9.0)	(34.0)	(15.0)	(11.0)	(5.0)	(0)	(2)	(15.0)
National Endowment for the Humanities (NEH) (Percent Federal Income)	16,676,391 (11.0)	(20.0)	(8.0)	(21.0)	(13.0)	(0)	(7.0)	(23.0)
Office of Education (OE) (Percent Federal Income)	494,355 (0)	(0)	(11.0)	(0)	(0)	(0)	(1.0)	(0)
Other Federal (Percent Federal Income)	106,325,111 (72.0)	(40.0)	(44.0)	(56.0)	(79.0)	(100.0)	(77.0)	(50.0)

TABLE 34.--MUSEUMS WITH ENDOWMENT FUNDS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

ENDOWMENT FUND ASSETS	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
ALL MUSEUMS......	4,408	609	51	382	2,204	165	800	197
PERCENT...............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO ENDOWMENT FUNDS....	3,208	304	43	237	1,733	156	569	166
PERCENT...............	72.6	50.0	84.4	62.1	78.6	94.2	71.1	84.5
$ 1 - $50,000	406	56	4	59	213	7	49	26
PERCENT...............	9.2	9.2	7.1	15.3	9.7	3.9	6.1	9.9
$ 50,001 - $249,999	288	90	2	27	91	-	79	-
PERCENT...............	6.5	14.7	4.3	7.0	4.1	-	9.8	-
$ 250,000 - $499,999	128	23	-	16	67	-	17	5
PERCENT...............	2.9	3.7	-	4.2	3.0	-	2.1	2.7
$ 500,000 - $999,999	77	27	1	7	29	1	9	3
PERCENT...............	1.7	4.4	2.1	1.9	1.3	.6	1.1	1.3
$1,000,000 -$9,999,999	246	82	-	34	62	2	65	3
PERCENT...............	5.6	13.5	-	9.0	2.8	1.2	8.1	1.6
$10,000,000 OR MORE...	53	27	1	2	10	-	13	-
PERCENT...............	1.2	4.4	2.1	.5	.5	-	1.6	-

Table 37.—Museums With Facilities For Conservation And Preservation, By Type And Net Income*

	Net Loss	Broke Even	Net Gain
All Museums	473 (47.0)	932 (40.0)	1,580 (48.0)
Art	45 (42.0)	69 (29.0)	83 (31.0)
Children's	2 (38.0)	7 (29.0)	5 (24.0)
General	15 (31.0)	94 (45.0)	61 (49.0)
History	79 (41.0)	435 (34.0)	308 (43.0)
Parks & Visitor Centers	2 (67.0)	52 (43.0)	21 (51.0)
Science	63 (65.0)	226 (62.0)	239 (70.0)
Specialized	20 (80.0)	50 (46.0)	42 (65.0)

* Controlling for net income, the percentage of each type of institution with facilities for conservation and preservation.

Table 38.—Percent Of Collections Needing Upkeep, By Net Income

Percent of Collections Needing Upkeep	All Museums	Net Loss	Broke Even	Net Gain
Total	4,408 (100.0)	473 (100.0)	2,354 (100.0)	1,580 (100.0)
None	517 (12.0)	57 (12.0)	355 (15.0)	105 (7.0)
Less Than 5%	699 (16.0)	100 (21.0)	337 (14.0)	263 (17.0)
5 - 14%	842 (19.0)	71 (15.0)	512 (22.0)	259 (16.0)
15 - 24%	817 (18.0)	95 (20.0)	422 (18.0)	301 (19.0)
25 - 49%	745 (17.0)	64 (14.0)	334 (14.0)	347 (22.0)
Greater Than 49%	787 (18.0)	86 (18.0)	396 (17.0)	305 (19.0)

TABLE 39.--IMPACT OF INFLATION, BY GEOGRAPHIC REGION; UNITED STATES, FISCAL YEAR 1979

ABLE TO ABSORB IMPACT OF INFLATION WITHOUT REDUCING CURRENT OPERATIONS ?	TOTAL	GEOGRAPHIC REGION			
		NORTH ATLANTIC	GREAT LAKES AND PLAINS	SOUTHEAST	WEST AND SOUTHWEST
YES	2,883	900	634	586	763
NO, NECESSARY REDUCTIONS IN THESE AREAS:	1,524	473	494	193	364
CURATORIAL................	1,017	299	301	167	251
PERCENT OF MUSEUMS........	66.7	63.1	60,9	86.7	68.8
EDUCATION.................	1,025	308	338	138	241
PERCENT OF MUSEUMS........	67.3	65.2	68,4	71.6	66.1
SECURITY..................	833	227	284	127	195
PERCENT OF MUSEUMS........	54.7	48.0	57.5	65.9	53.7
EXHIBITION................	1,143	363	340	164	277
PERCENT OF MUSEUMS........	75.0	76.6	68.7	85.1	76.0
CONSERVATION/PRESERVATION	1,082	321	358	156	247
PERCENT OF MUSEUMS........	71.0	67.8	72.5	80.9	67.9
OTHER.....................	664	225	170	101	168
PERCENT OF MUSEUMS........	43.6	47.5	34.5	52.4	46.2

Table 40.--Areas Of Activity Reduced By Museums Unable To Absorb The Impact of Inflation, By Type

	All Museums	Art	Children's	General	History	Parks and Visitor Centers	Science	Specialized
Total	1,524 *	208	13	135	674	58	345	91
(Percent)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)
Curatorial	1,017							
(Percent)	(67.0)	(75.0)	(62.0)	(78.0)	(62.0)	(64.0)	(67.0)	(74.0)
Education	1,025							
(Percent)	(67.0)	(76.0)	(100.0)	(66.0)	(57.0)	(79.0)	(77.0)	(71.0)
Security	833							
(Percent)	(55.0)	(60.0)	(62.0)	(75.0)	(52.0)	(50.0)	(55.0)	(55.0)
Exhibits	1,143							
(Percent)	(75.0)	(88.0)	(85.0)	(75.0)	(68.0)	(79.0)	(81.0)	(68.0)
Conservation	1,082							
(Percent)	(71.0)	(69.0)	(54.0)	(73.0)	(73.0)	(67.0)	(69.0)	(70.0)
Other	749							
(Percent)	(49.0)	(55.0)	(62.0)	(55.0)	(49.0)	(47.0)	(42.0)	(58.0)

* 35 percent of all museums, N = 4,408.

IV. EDUCATIONAL PROGRAMS

1. EDUCATIONAL ROLE OF THE INSTITUTION

To determine the status of museum-based educational activities, institutions were asked whether they perceived their educational role to be increasing, decreasing, or remaining the same. Responses were analyzed by museum type, operating income, and geographic region. In 1979, an estimated 67 percent of all museums believed their educational roles were increasing, whereas only 2 percent had decreasing roles. The educational roles of the remaining institutions (approximately 31 percent) were remaining the same. Across museum types, children's museums had the largest estimated percentage (81 percent) of individual institutions with increasing educational roles. No children's museums reported decreasing educational roles. On the other hand, it was estimated that only 40 percent of the parks and visitor centers had increasing educational roles and that approximately 10 percent had decreasing roles. Thus, half of the parks and visitor centers had roles that were staying the same (See Table 41, end of chapter).

When the data concerning educational roles were analyzed according to operating income, a fairly clear relationship was discernible. Museums with higher operating income were more likely to have increasing educational roles. Conversely, those institutions with the lowest operating incomes were more likely to indicate that their educational roles were staying the same. Because of the small number of museums reporting decreasing educational roles, no significant trends in this area were apparent (see Table 42).

Data on educational roles were also analyzed according to geographic region. The Great Lakes and Plains region had the largest percentage of institutions reporting increased educational roles (approximately 70 percent) and the West/Southwest the smallest percentage (approximately 61 percent; see Figure 20).

2. GENERAL EDUCATIONAL PROGRAM EVENTS

Survey data on eight different categories of educational events were collected and analyzed according to the type of participant (i.e., the general public, elementary school students, secondary school students, college or university students, and other participants).

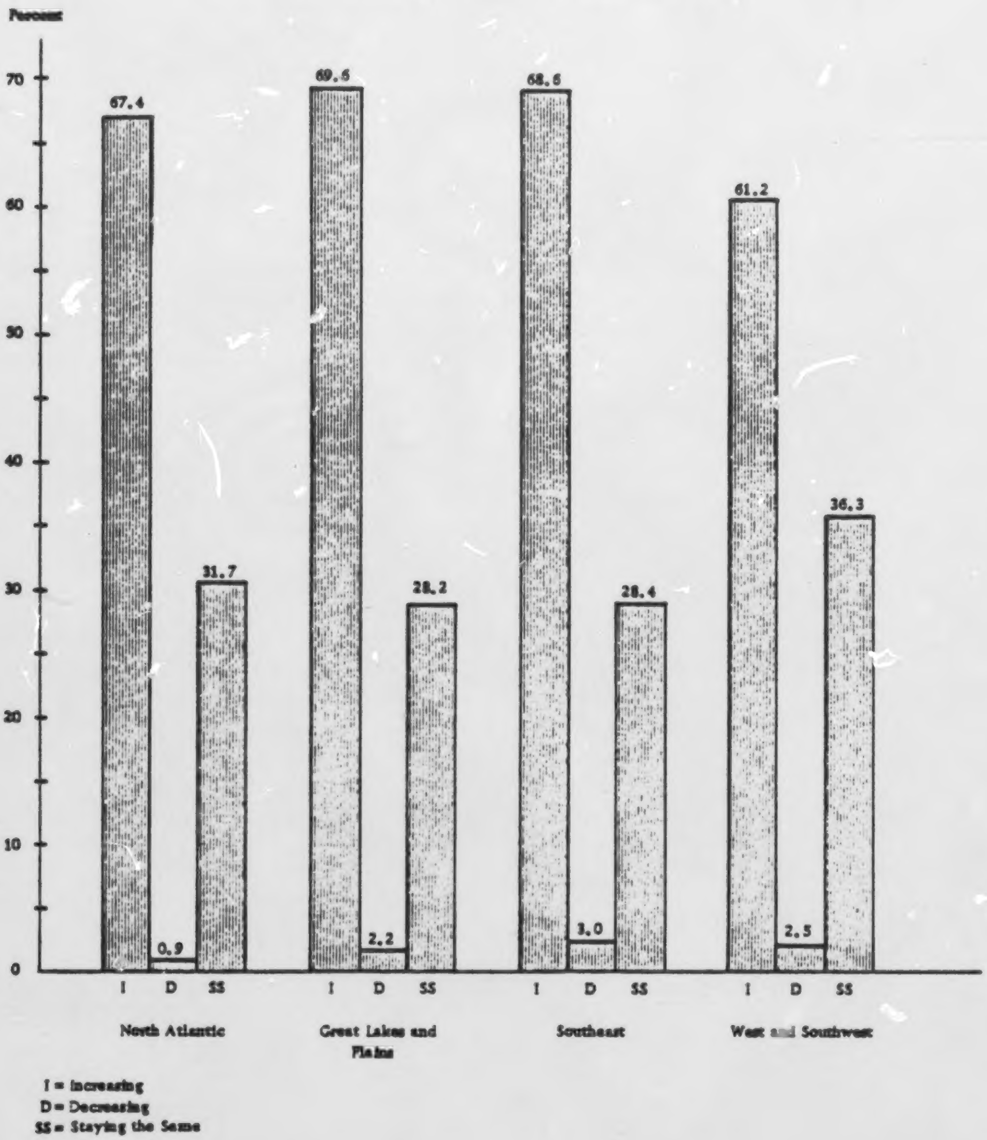
(1) Tours

An estimated 95 percent of all museums offered tours for one or more types of participants in 1979. When analyzed according to participant type, the data revealed that more institutions offered tours for elementary school students than for any other type of participant. Almost

TABLE 42.--TRENDS IN EDUCATIONAL ROLES, BY SIZE OF TOTAL OPERATING EXPENDITURE: UNITED STATES, FISCAL YEAR 1979

TRENDS IN EDUCATIONAL ROLE	TOTAL	TOTAL OPERATING EXPENDITURE								
		NONE	$1 - $25,000	$25,001- $50,000	$50,001- $75,000	$75,001- $100,000	$100,001- $200,000	$200,001- $300,000	$300,001- $400,000	MORE THAN $400,000
TOTAL...........	4,408	65	1,800	578	365	269	545	173	150	463
PERCENT..............	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100,0
INCREASING...........	2,935	18	1,003	422	269	195	396	140	103	390
PERCENT..............	66.6	27.1	55.7	73.1	73.6	72.6	72.7	80.8	68.7	84.1
DECREASING...........	89	0	50	8	4	11	6	4	5	3
PERCENT..............	2.0	.0	2.7	1.3	1.1	4.1	1.0	2.0	3.0	.7
REMAINS THE SAME....	1,384	47	748	148	93	63	143	30	43	71
PERCENT..............	31.4	72.9	41.5	25.6	25.3	23.4	26.3	17.2	28.3	15.2

FIGURE 20--EDUCATIONAL ROLE OF MUSEUMS, BY GEOGRAPHIC REGION



88 percent of the museums offered tours for elementary school students. Tours offered for the general public and for secondary school students were also quite common (approximately 86 percent and 73 percent, respectively). Few museums offered tours for college or university students (8 percent) or for other participants (14 percent).

For every type of participant, there were minimal differences in the percentages of the various museum types that offered tours. Two points, however, should be highlighted. For every type of participant, children's museums were less likely to provide tours than were other museum types. Conversely, for every type of participant except the general public, art museums were most likely to provide tours (see Table 43-A, end of chapter).

(2) Demonstrations

Approximately half of all museums offered some type of demonstration program in fiscal year 1979 (for any type of participant). An estimated 44 percent of the institutions offered demonstrations for members of the general public, making that audience the one most likely to be offered such programs. Demonstrations for elementary school students ranked second in terms of frequency (estimated 34 percent of all museums). Less frequent were demonstrations for secondary school students (23 percent), college or university students (21 percent), and other participants (6 percent). When analyzed by museum type, only one outstanding pattern emerged: for every type of participant, the percentage of history museums that conducted demonstration programs was lower than for any other museum type (see Table 43-B, end of chapter).

(3) Special Lectures

An estimated 67 percent of the museums sponsored special lectures for at least one type of participant. More museums (56 percent) sponsored special lectures for the general public than for any other type of participant. The percentage of institutions that sponsored special lectures for college or university students, elementary school students, and secondary school students was fairly uniform (25 to 30 percent). Among the various museum types, there were no discernible patterns in the data except that children's and specialized museums generally had fewer institutions offering special lectures (see Table 43-C, end of chapter).

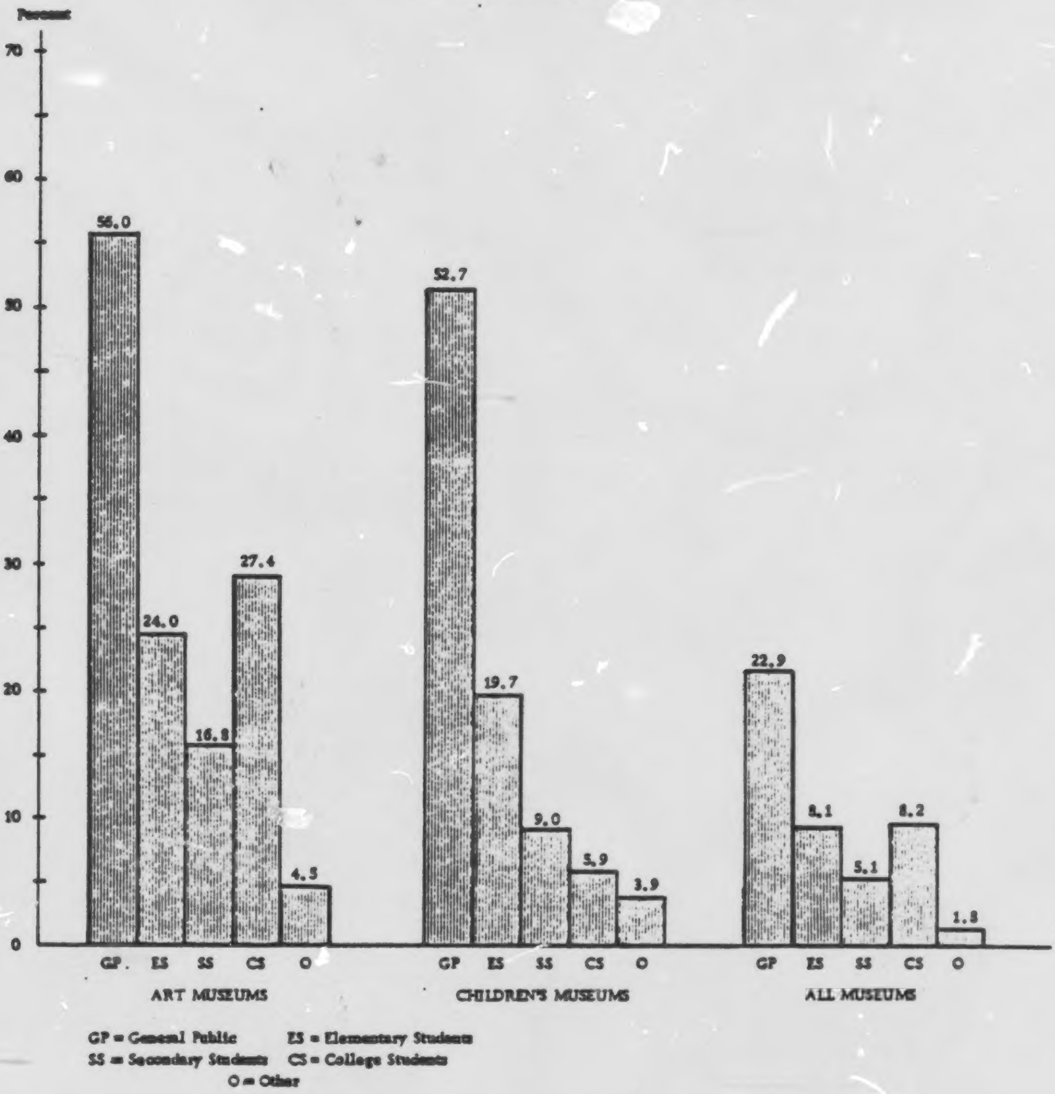
(4) Classes, Workshops, And Seminars

An estimated 45 percent of the museum universe conducted classes, workshops, or seminars for some type of audience. Approximately one-third of all museums sponsored classes, workshops, or seminars for the general public, whereas one-fifth sponsored programs for elementary/secondary school and university students. Table 43-D, at the end of this chapter, presents data on classes, workshops, and seminars by type of museum and by participant.

(5) Performing Arts Programs

Only about one-fourth of all museums sponsored a performing arts program for one or more types of participants. Most programs were offered for the general public (one-fifth of all museums). A small percentage (less than 10 percent) of all museums had performing arts programs specifically for the other four categories of participants. Among museum types, art museums consistently had the highest percentage of individual institutions that sponsored performing arts programs for every type of participant (see Table 43-E, end of chapter). For every type of participant except university students, children's museums ranked second in sponsoring performing arts programs (see Figure 21).

FIGURE 21—DISTRIBUTION OF SELECTED TYPES OF MUSEUMS OFFERING PERFORMING ARTS PROGRAMS, BY TYPE OF PARTICIPANT



(6) Films And Other Media Programs

Almost half of all museums offered films and other media programs for various audiences. Films or other media programs were offered most frequently for the general public (44 percent). Elementary/secondary school and university students participated between 20 and 25 percent of the time. Table 43-F, at the end of this chapter, presents these data by museum type.

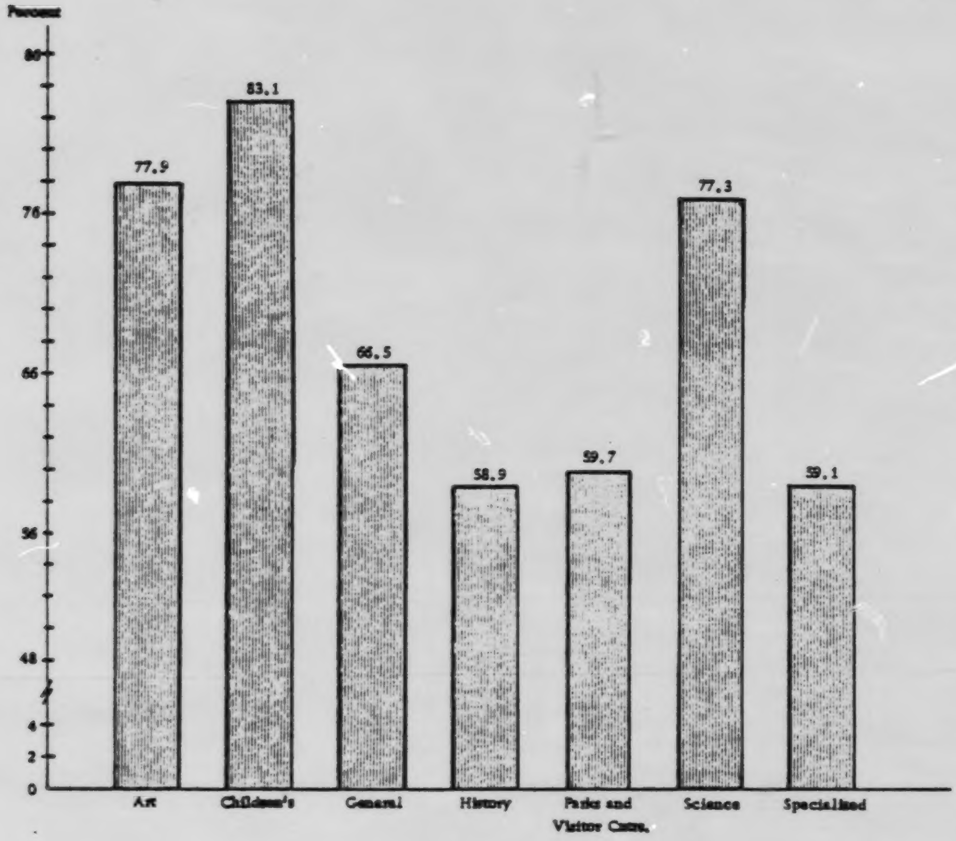
(7) Outreach Programs

Only about one-third of the institutions had outreach programs for one or more audiences. These programs were most frequently directed toward elementary school students or the general public (one-fourth of all museums). Programs aimed at other audiences were less frequent. No single museum type was more likely than the rest to sponsor outreach programs for one or more audiences. However, outreach programs for the general public were frequent for parks and visitor centers, science museums, and art museums (approximately one-third of each of these museum types). As would be expected, children's museums most frequently directed outreach programs to the elementary school audience (58 percent). (See Table 43-G, at the end of this chapter, for more detail.) Table 43-H, at the end of this chapter, presents data on programs other than those already discussed.

3. SPECIFIC PROGRAMS

An estimated 66 percent of all museums offered some type of specific program in fiscal year 1979. Children's museums (83 percent) and art and science museums (78 percent) were more likely to have specific programs than other types of museums (see Figure 22).

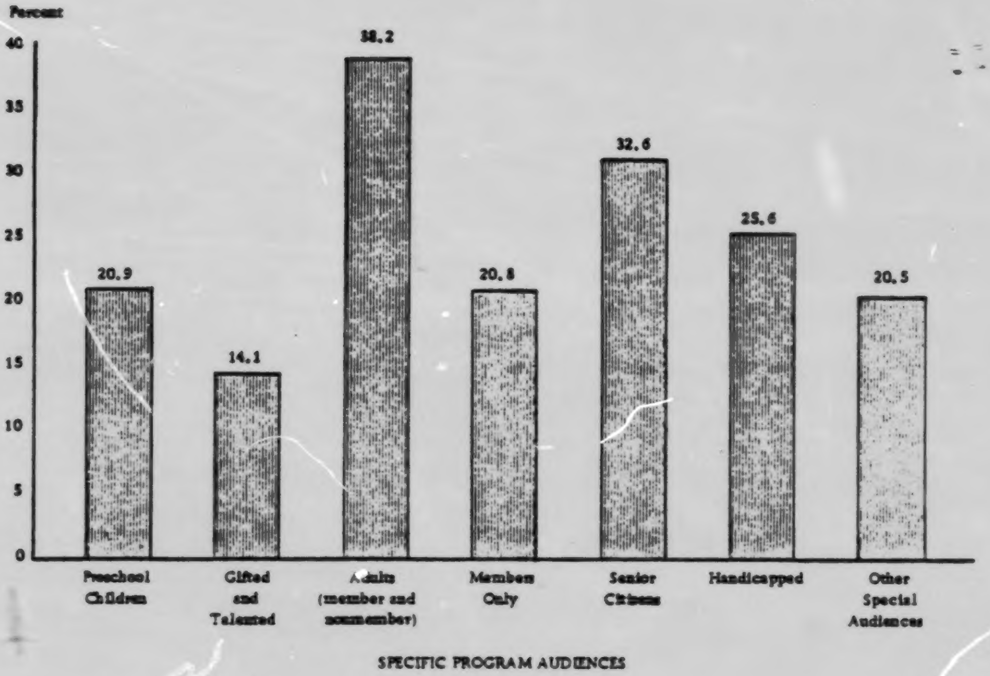
FIGURE 22—DISTRIBUTION OF INSTITUTIONS OFFERING SPECIFIC PROGRAMS, BY TYPE OF MUSEUM



(1) Audiences For Museums Offering Specific Programs

Museums that offered specific programs were further queried to determine what types of audiences the programs were intended to serve. Data were collected on the following types: pre-school children, gifted and talented, adults (member and nonmember), members only, senior citizens, handicapped persons, and other special audiences. Figure 23 graphically depicts the percentage of all museums offering programs for special groups. (See Table 44, end of chapter, for details by museum type.)

FIGURE 23—MUSEUMS OFFERING SPECIAL PROGRAMS* FOR SPECIFIC GROUPS: UNITED STATES, 1979



* Museums offering one or more special programs during the fiscal year as reported = 65.8% of all museums

Of those institutions that offered specific programs, approximately one-third sponsored programs for pre-school children. As might be expected, children's museums were most likely (80 percent) to have sponsored such programs. History museums, on the other hand, were much less likely to have sponsored programs for pre-schoolers (approximately one-fifth).

Only one-fifth of the museums that offered specific programs offered activities specifically designed to meet the needs of the gifted and talented. Again, children's museums were most likely to have offered programs for this audience (approximately half of the children's museums had such programs); science museums were second (approximately one-third sponsored such programs).

An estimated 58 percent of all institutions with specific programs offered programs specifically designed for adults (members and nonmembers); art museums were most likely (65 percent) to have such programs. Slightly over half of the general museums, history museums, parks and visitor centers, science museums, and specialized museums sponsored programs specifically designed for adult members and nonmembers. As was expected, children's museums ranked last (estimated 38 percent).

Further analysis indicated that approximately one-third of the relevant museums offered special programs for members only. Among museum types, art museums were most likely to sponsor programs specifically designed for members only (approximately one-half) and parks and visitor centers were least likely (approximately one-tenth).

About half of all museums with special programs had specific programs for senior citizens. With the exception of children's museums, where only 17 percent offered specific programs for senior citizens, this percentage did not vary substantially across museum types (see Table 44, end of chapter).

Almost 40 percent of the relevant institutions had specific programs for the handicapped in fiscal year 1979. Parks and visitor centers and science museums were most likely to sponsor programs for the handicapped (slightly over one-half), whereas history museums were least likely (approximately one-third).

4. ETHNIC AUDIENCES FOR MUSEUM EDUCATIONAL PROGRAMS

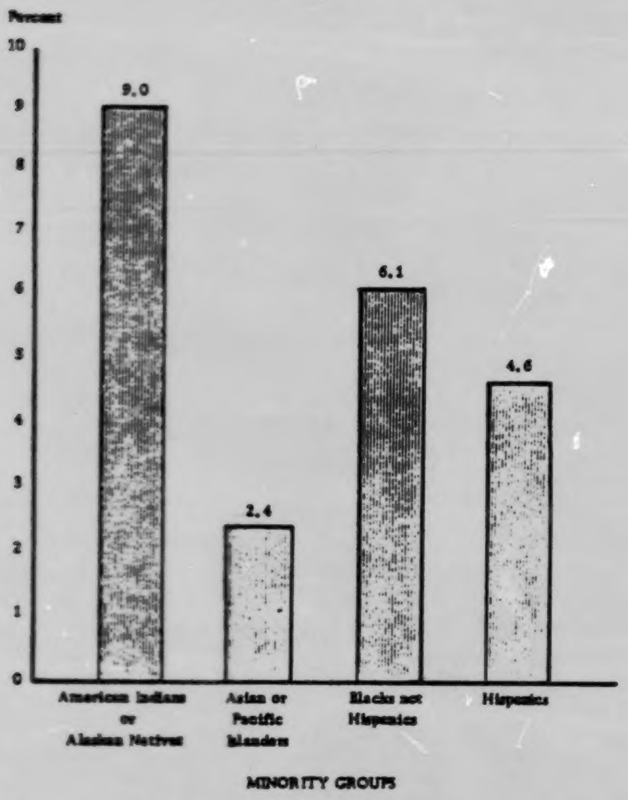
Museums were also queried as to whether they conducted educational programs specifically designed to serve various ethnic audiences, including: (1) American Indian or Alaskan Native, (2) Asian or Pacific Islanders, (3) Black not Hispanic, and (4) Hispanic. An analysis of the weighted response by type of museum and by geographic region is presented in Tables 45 and 46, at the end of this chapter. Figure 24 highlights the percentage of programs for the four ethnic groups.

(1) American Indian or Alaskan Native

Approximately one out of ten museums conducted programs specifically designed to serve American Indians or Alaskan Natives. However, one out of five general museums sponsored some type of educational program specifically designed for this audience, making this type of institution more likely than any other to sponsor such a program. Conversely, specialized museums were least likely (about 4 percent).

Of more interest were variations across geographic region. Approximately one-half of all museums with programs targeted to American Indians

FIGURE 24—MUSEUMS OFFERING SPECIAL PROGRAMS FOR SPECIFIC MINORITY GROUPS: UNITED STATES, 1979
N = 4,408



or Alaskan Natives were in the West/Southwest (areas with large concentrations of American Indians). One out of every five museums in this geographic region sponsored such programs. Less than 10 percent of the institutions in each of the other three regions (North Atlantic, Great Lakes and Plains, and Southeast) reported sponsoring such programs.

(2) Asian Or Pacific Islanders

Very few (estimated 2 percent) museums conducted educational programs specifically designed to serve Asians or Pacific Islanders. Due to the paucity of these programs, analysis by museum type and geographic region was of little interest.

(3) Black Not Hispanic

Only 6 percent of the museums conducted educational programs specifically designed to serve blacks. Art museums were most likely (one out of five) to sponsor such programs, whereas specialized museums were least likely (estimated 2 percent). Almost 10 percent of the museums in the Southeast had programs specifically designed to serve the black population. About one out of every 20 museums in the remaining three geographic regions had such programs.

(4) Hispanics

One out of 20 museums sponsored programs specifically designed for Hispanics. More children's museums (one out of five) offered programs for Hispanics than any other type of institution; conversely, history museums offered the lowest percentage (estimated 2 percent). Approximately 8 percent of the institutions in the West/Southwest sponsored programs designed specifically for Hispanics, and these institutions accounted for almost half of the total number of institutions with such programs.

5. OTHER EDUCATIONAL ACTIVITIES

Four additional variables were examined that provided a measure of museum-based educational activities and public programs, including teacher training, programs for academic credit, exhibition loans, and assessment of the effectiveness of exhibitions. These variables are analyzed below.

(1) Teacher Training

Approximately one-fourth of the museums offered teacher training periodically or on a regular basis on how to use museum resources. An estimated 65 percent of the children's museums offered teacher training. Around 40 percent of science museums and art museums offered such training; only 16 percent of the specialized museums offered some type of teacher training (see Figure 25).

(2) Programs For Academic Credit

Approximately one-third of the institutions cooperated with an accredited school, college, or university to provide a program for academic credit. Art museums were most likely (one-half of all art museums) to have provided such a program. Approximately 40 percent of science museums and children's museums also sponsored such a program, whereas only one out of five parks and visitor centers had programs for academic credit (see Figure 26).

(3) Exhibition Loans

Approximately one-half of the museums loaned exhibitions to schools, shopping malls, or other organizations. More children's museums (approximately 82 percent) than any other type of museum loaned exhibitions. On the other hand, only one-fourth of the parks and visitor centers loaned exhibitions (see Figure 27).

(4) Assessment Of The Effectiveness Of Exhibitions

Last, about one-half of the museums undertook activities to assess the effectiveness of their exhibitions. A substantial percentage (60 to 70 percent) of children's museums, art museums, and science museums assessed the effectiveness of their exhibitions. However, history museums proved to be least likely to assess the effectiveness of their exhibitions (see Figure 28).

FIGURE 25—MUSEUMS OFFERING TEACHER TRAINING,
BY TYPE OF MUSEUM

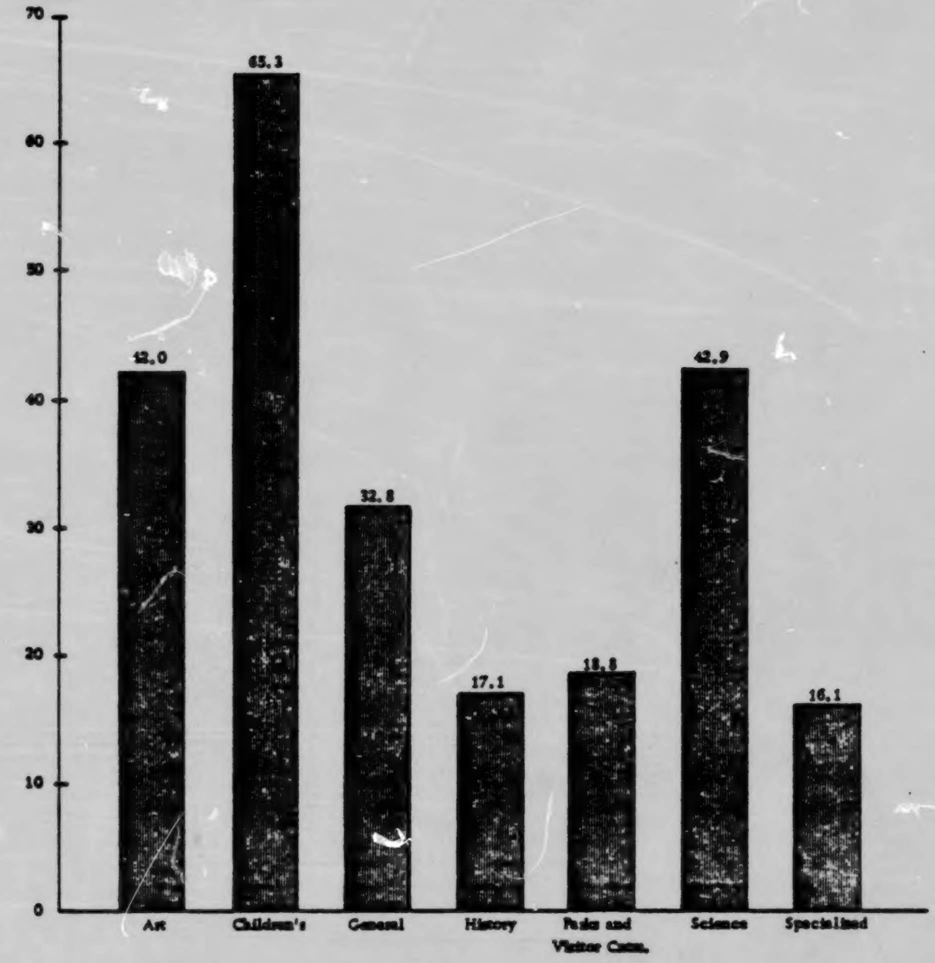


FIGURE 26--MUSEUMS PROVIDING PROGRAMS FOR ACADEMIC CREDIT, BY TYPE

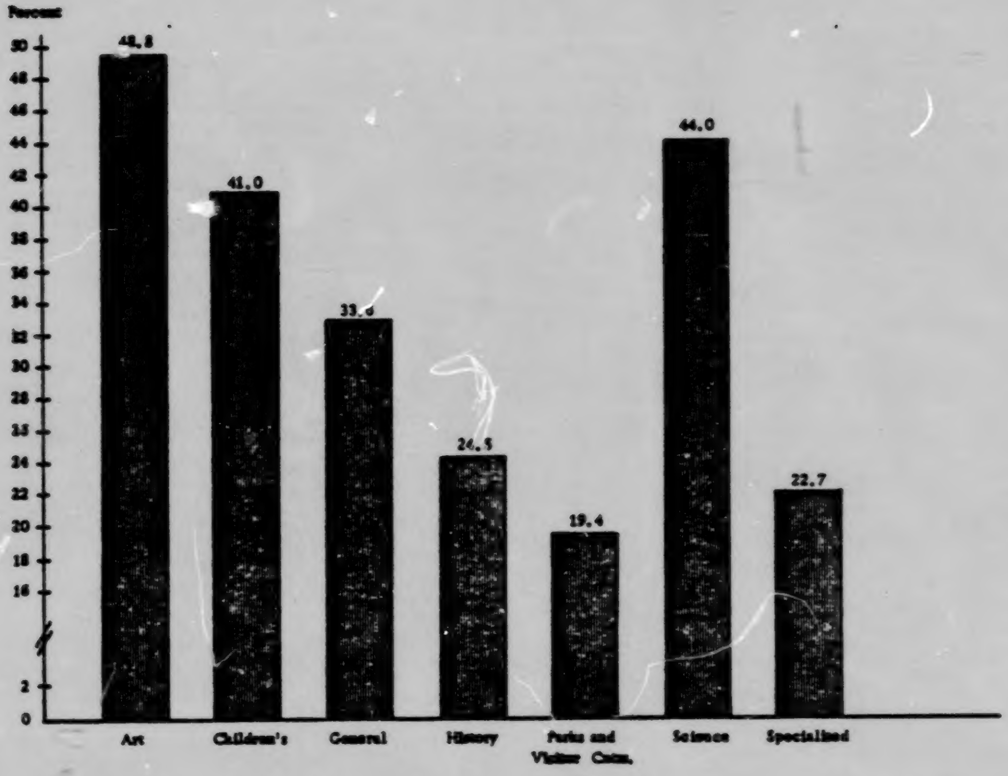


FIGURE 27—MUSEUMS LOANING EXHIBITIONS, BY TYPE

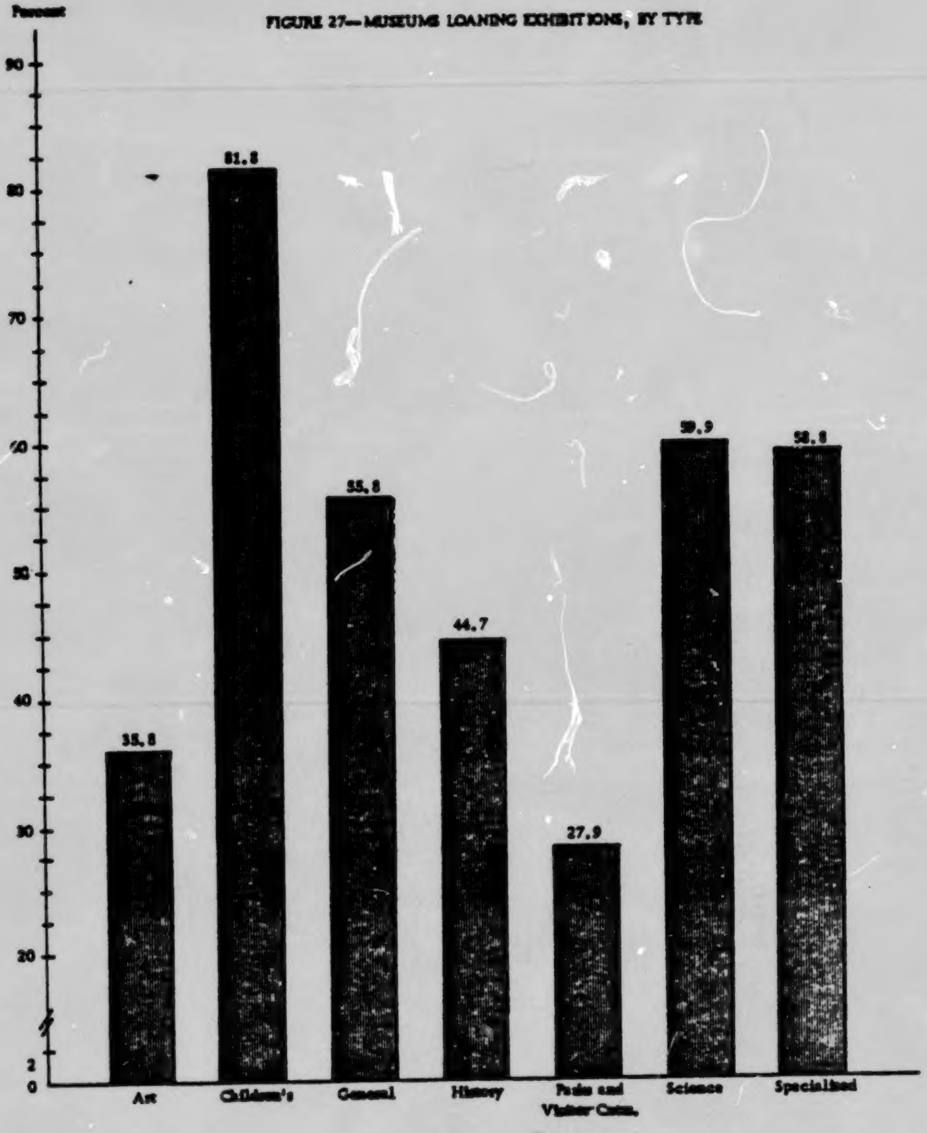
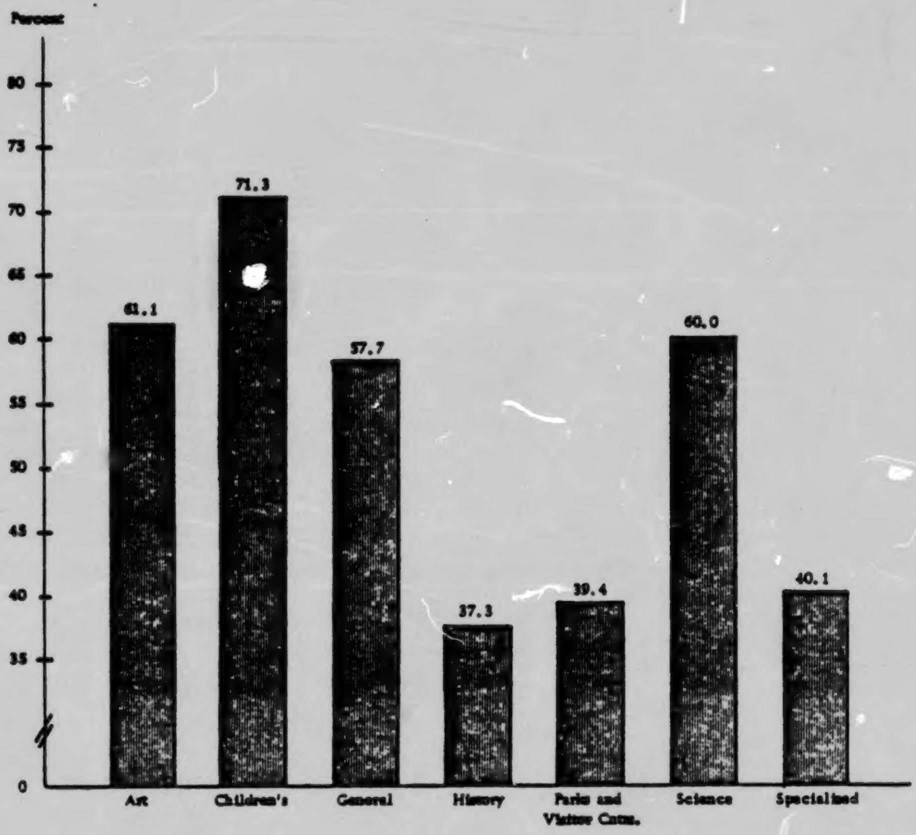


FIGURE 28—MUSEUMS ASSESSING THE EFFECTIVENESS OF EXHIBITIONS, BY TYPE



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CHAPTER IV

TABLE 41.--TRENDS IN EDUCATIONAL ROLES, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

TRENDS IN EDUCATIONAL ROLE	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL..........	4,408	609	51	382	2,204	165	800	197
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
INCREASING..........	2,935	474	41	273	1,359	66	587	135
PERCENT.............	66.6	77.9	81.0	71.5	61.7	40.0	73.3	68.4
DECREASING..........	89	19	0	6	27	16	16	6
PERCENT.............	2.0	3.1	.0	1.6	1.2	9.7	1.9	2.8
REMAINS THE SAME....	1,384	116	10	103	818	83	198	57
PERCENT.............	31.4	19.0	19.0	26.9	37.1	50.3	24.7	28.8

TABLE 43-A.--GENERAL EDUCATIONAL PROGRAMS OFFERED - TOURS, BY TYPE OF MUSEUM AND PARTICIPANTS: UNITED STATES, FISCAL YEAR 1979

TYPE OF PARTICIPANT	TOTAL N = 4,408	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
GENERAL PUBLIC...............	3,804	509	23	331	2,022	131	607	181
PERCENT OF MUSEUMS...........	86.3	83.6	45.3	86.5	91.8	79.1	75.9	92.1
ELEMENTARY SCHOOL STUDENTS..	3,863	562	37	329	1,976	125	667	167
PERCENT OF MUSEUMS...........	87.7	92.3	73.1	86.0	89.7	75.8	83.4	85.0
SECONDARY SCHOOL STUDENTS...	3,207	532	19	280	1,586	105	550	134
PERCENT OF MUSEUMS...........	72.8	87.4	38.2	73.3	72.0	63.6	68.8	68.1
COLLEGE OR UNIVERSITY STUDENTS....................	2,555	448	12	239	1,141	89	531	95
PERCENT OF MUSEUMS...........	58.0	73.6	23.5	62.6	51.8	53.6	66.4	48.0
OTHER PARTICIPANTS...........	617	104	6	60	275	28	119	26
PERCENT OF MUSEUMS...........	14.0	17.0	11.0	15.7	12.5	17.0	14.9	13.1

TABLE 43-B.--GENERAL EDUCATIONAL PROGRAMS OFFERED - DEMONSTRATIONS, BY TYPE OF MUSEUM AND PARTICIPANTS: UNITED STATES, FISCAL YEAR 1979

TYPE OF PARTICIPANT	TOTAL N = 4,408	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
GENERAL PUBLIC..............	1,934	313	28	200	735	98	478	83
PERCENT OF MUSEUMS..........	43.9	51.3	55.6	52.2	33.4	59.4	59.7	42.2
ELEMENTARY SCHOOL STUDENTS..	1,475	210	37	154	566	76	383	49
PERCENT OF MUSEUMS..........	33.5	34.5	72.1	40.3	25.7	45.8	47.9	25.1
SECONDARY SCHOOL STUDENTS...	1,029	168	19	104	337	73	282	47
PERCENT OF MUSEUMS..........	23.4	27.6	37.9	27.2	15.3	43.9	35.2	23.9
COLLEGE OR UNIVERSITY STUDENTS..................	920	190	7	99	270	41	269	44
PERCENT OF MUSEUMS..........	20.9	31.2	13.1	25.9	12.3	24.8	33.7	22.2
OTHER PARTICIPANTS..........	256	38	4	35	84	21	47	28
PERCENT OF MUSEUMS..........	5.8	6.2	8.0	9.0	3.8	12.4	5.9	14.3

TABLE 43-C.--GENERAL EDUCATIONAL PROGRAMS OFFERED - SPECIAL LECTURES, BY TYPE OF MUSEUM AND PARTICIPANTS: UNITED STATES, FISCAL YEAR 1979

TYPE OF PARTICIPANT	TOTAL N = 4,408	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
GENERAL PUBLIC..............	2,473	494	8	254	1,043	69	527	79
PERCENT OF MUSEUMS..........	56.1	81.1	16.4	66.4	47.3	41.5	65.9	39.9
ELEMENTARY SCHOOL STUDENTS..	1,274	195	20	133	530	60	294	36
PERCENT OF MUSEUMS..........	28.9	32.0	39.0	34.9	24.0	39.7	36.7	18.5
SECONDARY SCHOOL STUDENTS...	1,144	197	4	118	450	64	284	32
PERCENT OF MUSEUMS..........	26.0	32.3	8.0	30.9	20.4	38.5	35.5	16.0
COLLEGE OR UNIVERSITY STUDENTS..................	1,353	327	6	160	390	59	367	43
PERCENT OF MUSEUMS..........	30.7	53.7	11.3	42.0	17.7	35.5	45.9	22.1
OTHER PARTICIPANTS..........	302	51	3	37	127	15	57	13
PERCENT OF MUSEUMS..........	6.8	8.3	5.1	9.7	5.8	8.8	7.2	6.6

TABLE 43-D.--GENERAL EDUCATIONAL PROGRAMS OFFERED - CLASSES, WORKSHOPS, SEMINARS, BY TYPE OF MUSEUM, AND PARTICIPANTS: UNITED STATES, FISCAL YEAR 1979

TYPE OF PARTICIPANT	TOTAL N = 4,408	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
GENERAL PUBLIC..............	1,425	355	29	129	474	38	356	45
PERCENT OF MUSEUMS..........	32.3	58.2	56.2	33.7	21.5	23.0	44.5	22.9
ELEMENTARY SCHOOL STUDENTS..	919	237	39	110	200	24	291	18
PERCENT OF MUSEUMS..........	20.9	38.9	77.2	28.8	9.1	14.5	36.4	8.9
SECONDARY SCHOOL STUDENTS...	775	206	22	93	163	18	253	19
PERCENT OF MUSEUMS..........	17.6	33.9	43.9	24.5	7.4	10.9	31.6	9.6
COLLEGE OR UNIVERSITY STUDENTS..................	977	268	12	112	220	21	307	37
PERCENT OF MUSEUMS..........	22.2	44.1	24.5	29.3	10.0	12.7	38.3	18.8
OTHER PARTICIPANTS..........	264	56	10	30	55	26	78	10
PERCENT OF MUSEUMS..........	6.0	9.2	19.0	7.9	2.5	15.5	9.8	5.0

TABLE 43-E.--GENERAL EDUCATIONAL PROGRAMS OFFERED - PERFORMING ARTS PROGRAMS, BY TYPE OF MUSEUM, AND PARTICIPANTS; UNITED STATES, FISCAL YEAR 1979

TYPE OF PARTICIPANT	TOTAL N = 4,408	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
GENERAL PUBLIC...............	1,009	341	27	89	337	18	155	42
PERCENT OF MUSEUMS..........	22.9	56.0	52.7	23.3	15.3	10.9	19.4	21.1
ELEMENTARY SCHOOL STUDENTS..	357	146	10	37	95	17	49	3
PERCENT OF MUSEUMS..........	8.1	24.0	19.7	9.7	4.3	10.0	6.1	1.6
SECONDARY SCHOOL STUDENTS...	226	102	5	26	38	6	39	10
PERCENT OF MUSEUMS..........	5.1	16.8	9.0	6.7	1.7	3.3	4.9	5.2
COLLEGE OR UNIVERSITY STUDENTS....................	359	167	3	21	90	2	57	20
PERCENT OF MUSEUMS..........	8.2	27.4	5.9	5.6	4.1	1.2	7.1	10.0
OTHER PARTICIPANTS..........	81	28	2	14	10	5	23	1
PERCENT OF MUSEUMS..........	1.8	4.5	3.9	3.6	.4	2.7	2.8	.6

TABLE 43-F.--GENERAL EDUCATIONAL PROGRAMS OFFERED - FILMS AND OTHER MEDIA PROGRAMS, BY TYPE OF MUSEUM, AND PARTICIPANTS; UNITED STATES, FISCAL YEAR 1979

TYPE OF PARTICIPANT	TOTAL N = 4,408	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
GENERAL PUBLIC...............	1,929	363	26	196	717	96	444	88
PERCENT OF MUSEUMS..........	43.8	59.6	50.9	51.3	32.5	58.2	55.4	44.7
ELEMENTARY SCHOOL STUDENTS..	1,146	174	18	122	411	76	305	40
PERCENT OF MUSEUMS..........	26.0	28.6	34.5	32.0	18.6	46.1	38.1	20.3
SECONDARY SCHOOL STUDENTS...	1,009	169	9	88	334	72	279	57
PERCENT OF MUSEUMS..........	22.9	27.8	18.0	23.1	15.2	43.3	34.9	29.1
COLLEGE OR UNIVERSITY STUDENTS....................	906	213	4	96	261	69	230	33
PERCENT OF MUSEUMS..........	20.5	34.9	8.4	25.2	11.9	41.5	28.7	16.8
OTHER PARTICIPANTS..........	193	55	3	23	34	18	46	16
PERCENT OF MUSEUMS..........	4.4	9.0	5.9	6.0	1.5	10.6	5.7	8.1

TABLE 43-G.--GENERAL EDUCATIONAL PROGRAMS OFFERED - OUTREACH PROGRAMS, BY TYPE OF MUSEUM AND PARTICIPANTS: UNITED STATES, FISCAL YEAR 1979

TYPE OF PARTICIPANT	TOTAL N - 4,408	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
GENERAL PUBLIC................	1,008	169	9	89	412	55	249	25
PERCENT OF MUSEUMS...........	22.9	27.8	17.6	23.3	18.7	33.0	31.2	12.5
ELEMENTARY SCHOOL STUDENTS..	1,151	225	29	114	401	44	324	13
PERCENT OF MUSEUMS...........	26.1	36.9	57.9	29.8	18.2	26.7	40.5	6.7
SECONDARY SCHOOL STUDENTS...	771	166	12	93	263	40	189	9
PERCENT OF MUSEUMS...........	17.5	27.3	22.9	24.3	11.9	24.2	23.7	4.4
COLLEGE OR UNIVERSITY STUDENTS....................	382	84	1	37	97	18	124	20
PERCENT OF MUSEUMS...........	8.7	13.8	2.0	9.7	4.4	10.6	15.5	10.3
OTHER PARTICIPANTS...........	73	19	2	8	13	13	17	2
PERCENT OF MUSEUMS...........	1.7	3.1	3.9	2.1	.6	7.6	2.1	1.1

TABLE 43-H.--GENERAL EDUCATIONAL PROGRAMS OFFERED - OTHER PROGRAMS, BY TYPE OF MUSEUM AND PARTICIPANTS: UNITED STATES, FISCAL YEAR 1979

TYPE OF PARTICIPANT	TOTAL N - 4,408	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
GENERAL PUBLIC................	428	50	4	28	203	14	117	12
PERCENT OF MUSEUMS...........	9.7	8.2	7.1	7.2	9.2	8.5	14.6	6.2
ELEMENTARY SCHOOL STUDENTS..	226	20	3	11	123	12	54	2
PERCENT OF MUSEUMS...........	5.1	3.2	6.1	2.9	5.6	7.3	6.8	1.0
SECONDARY SCHOOL STUDENTS...	227	14	0	15	139	13	45	2
PERCENT OF MUSEUMS...........	5.2	2.2	.0	3.9	6.3	7.9	5.6	1.0
COLLEGE OR UNIVERSITY STUDENTS....................	188	28	0	31	84	12	29	5
PERCENT OF MUSEUMS...........	4.3	4.6	.0	8.0	3.6	7.3	3.7	2.5
OTHER PARTICIPANTS...........	40	8	0	9	16	1	4	2
PERCENT OF MUSEUMS...........	.9	1.2	.0	2.4	.7	.6	.5	1.1

TABLE 44.--AUDIENCES FOR MUSEUMS OFFERING SPECIFIC PROGRAMS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

AUDIENCES	TOTAL N = 4,408	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
OFFERED SPECIFIC PROGRAMS.	2,902	474	42	254	1,298	99	618	116
PERCENT....................	65.8	77.9	83.1	66.5	58.9	59.7	77.3	59.1
PRE-SCHOOL CHILDREN.......	920	141	34	114	261	50	292	29
PERCENT....................	20.9	23.2	66.2	29.7	11.8	30.0	36.5	14.6
GIFTED AND TALENTED.......	621	106	21	54	185	25	222	7
PERCENT....................	14.1	17.5	42.1	14.1	8.4	15.2	27.8	3.5
MEMBERS AND NONMEMBERS (ADULTS)..................	1,684	308	16	146	770	59	322	63
PERCENT....................	38.2	50.6	31.5	38.1	35.0	35.5	40.2	32.2
MEMBERS ONLY...............	915	241	14	85	338	11	198	28
PERCENT....................	20.8	39.5	27.6	22.1	15.3	6.4	24.8	14.5
SENIOR CITIZENS............	1,436	221	7	147	640	58	294	68
PERCENT....................	32.6	36.4	14.1	38.4	29.0	34.8	36.8	34.8
HANDICAPPED................	1,130	176	19	102	409	52	324	48
PERCENT....................	25.6	28.8	37.6	26.6	15.5	31.5	40.5	24.5
OTHER AUDIENCES............	905	145	17	91	354	33	199	67
PERCENT....................	20.5	23.7	33.5	23.7	16.1	20.0	24.9	33.9

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TABLE 45.--PROGRAMS DESIGNED FOR SPECIFIC ETHNIC GROUPS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

ETHNIC AUDIENCE	TOTAL N = 4,408	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
AMERICAN INDIAN OR ALASKAN NATIVE....	396	55	7	70	160	11	86	7
PERCENT OF MUSEUMS..	9.0	9.0	14.1	18.2	7.3	6.7	10.7	3.6
ASIAN OR PACIFIC ISLANDERS.........	106	45	1	7	16	1	31	6
PERCENT OF MUSEUMS..	2.4	7.3	2.0	1.9	.7	.6	3.9	2.8
BLACK NOT HISPANIC..	270	100	6	34	89	7	31	3
PERCENT OF MUSEUMS..	6.1	16.5	12.1	8.8	4.0	3.9	3.9	1.5
HISPANIC............	202	60	9	25	45	4	47	12
PERCENT OF MUSEUMS..	4.6	9.9	17.1	6.4	2.0	2.4	5.9	6.2

TABLE 46.--PROGRAMS DESIGNED FOR SPECIFIC ETHNIC GROUPS, BY GEOGRAPHIC REGION: UNITED STATES, FISCAL YEAR 1979

ETHNIC AUDIENCE	TOTAL N = 4,408	GEOGRAPHIC REGION			
		NORTH ATLANTIC	GREAT LAKES AND PLAINS	SOUTHEAST	WEST AND SOUTHWEST
AMERICAN INDIAN OR ALASKAN NATIVE....	396	50	91	46	209
PERCENT OF MUSEUMS..	9.0	3.6	8.1	5.9	18.5
ASIAN OR PACIFIC ISLANDERS.........	106	28	28	12	38
PERCENT OF MUSEUMS..	2.4	2.0	2.5	1.6	3.4
BLACK NOT HISPANIC..	270	80	47	74	68
PERCENT OF MUSEUMS..	6.1	5.9	4.2	9.5	6.1
HISPANIC............	202	61	31	19	91
PERCENT OF MUSEUMS..	4.6	4.5	2.8	2.4	8.1

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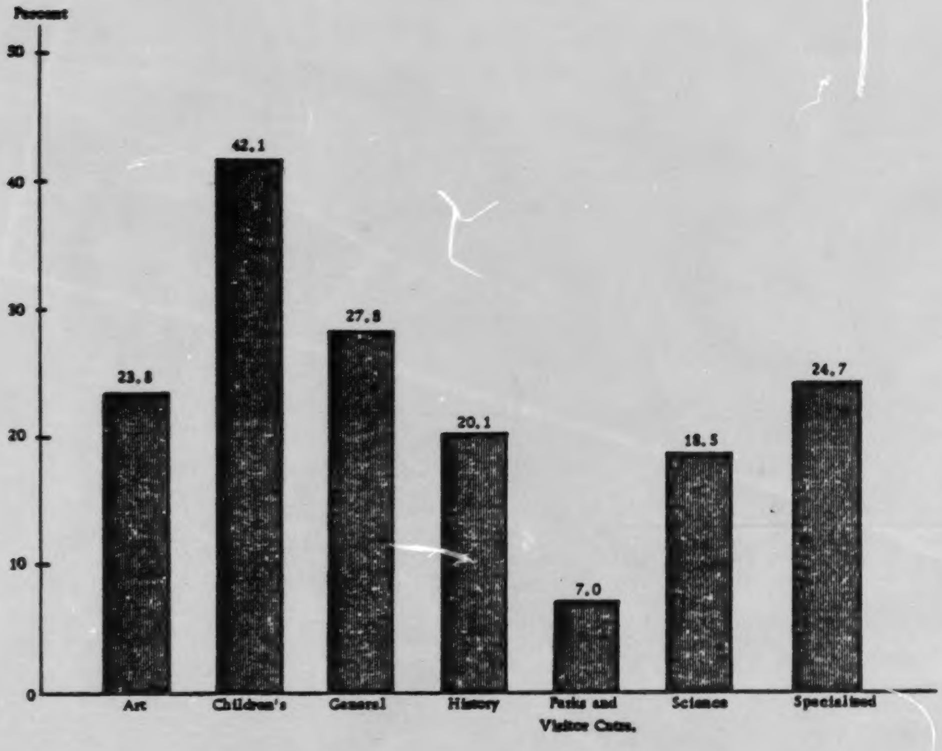
V. FACILITIES

1. WHO OWNS THE FACILITIES?

In 1979, an estimated 21 percent of the museums' facilities were owned and/or operated by an entity other than the governing authority.[1] Children's museums were most likely to be owned or operated by another entity (42 percent), and parks and visitor centers were least likely (7 percent; see Figure 29).

FIGURE 29-- MUSEUMS WITH FACILITIES OWNED AND/OR OPERATED BY AN ENTITY OTHER THAN THE GOVERNING AUTHORITY, BY TYPE



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[1] Governing authority was defined in Chapter III as the agency that owns the collections and assets of the institution but not necessarily its facilities.

A further examination of those museums owned or operated by an entity other than the governing authority showed that an estimated 64 percent of the facilities were owned but not operated, 12 percent were operated but not owned, and 24 percent were both owned and operated. The distribution of museums with facilities owned but not operated by an entity other than the governing authority was fairly uniform across museum type; five out of seven types reported a majority of institutions (approximately 60-90 percent) in this category. General and specialized museums were the exceptions, with slightly less than half with facilities owned by a entity distinct from the governing authority (see Table 47, end of chapter).

2. WHAT KINDS OF FACILITIES WERE AVAILABLE IN MUSEUMS FOR PUBLIC USE?

The analysis of facilities available for public use is presented in four sections dealing with: (1) auditorium, classroom, and studio facilities; (2) auxiliary facilities; (3) library facilities; and (4) facilities for the physically handicapped. Table 48, at the end of this chapter, presents data on each of these subjects.

(1) Auditorium/Theater, Classroom, And Studio Facilities

Approximately one-third of the museums had auditorium/theater facilities, with parks and visitor centers most likely to have such facilities (52 percent; see Table 48, end of chapter). One-fourth of all museums had classroom facilities. Children's, science, and art museums were most likely to have such facilities: 57 percent, 47 percent, and 43 percent, respectively, reported the existence of classroom facilities. For the remaining four museum types, the percentage with classroom facilities ranged from 24 percent (general museums) to 12 percent (history museums). Only 8 percent of all museums were estimated to have studio facilities. Across museum types, the distribution of those having such facilities was fairly predictable. Thirty-one percent of the art museums had studios, accounting for 52 percent of the total number of institutions with such facilities. Approximately 26 percent of the children's museums had studio facilities. Ten percent or less of the remaining museum types had studio facilities (no parks and visitor centers had such facilities).

(2) Auxiliary Facilities

Museum directors were asked to provide information on the following five categories of auxiliary facilities: public parking, public restaurant/cafeteria, book/sales shop, conference/meeting facilities, and other facilities. If an institution had such facilities, the data were further analyzed to determine whether the facilities were operated in-house or contracted out. Information was also obtained on whether the facility was income producing. Table 48 presents detailed data on each of these areas. It was estimated that 67 percent of all museums had some type of parking facility; of those, 97 percent were in-house operations and 3 percent were contracted out. Among the different types of museums, art museums had the largest percentage (11 percent) with parking facilities that were contracted out. Conversely, all children's museums and specialized museums had facilities that were operated in-house. For those museums with parking facilities, only 4 percent were income producing.

A much smaller percentage (17 percent) of the universe was estimated to have had a public restaurant or cafeteria; of those, 52 percent had facilities that were operated in-house. For art, general, science, and specialized museums, a majority of the individual institutions had in-house restaurant/cafeteria facilities. On the other hand, the majority of restaurant/cafeteria facilities in children's museums, history museums, and parks and visitor centers were contracted out. For all museums, the majority (71 percent) of restaurant/cafeteria operations were income producing.

Data were also collected on book/sales shop facilities. It was estimated that 61 percent of all museums had at least one such shop, of which over 90 percent were operated in-house and 88 percent were income producing.[2/] Parks and visitor centers with shops had the lowest percentage that were income producing (slightly over half), whereas all of the children's museums with shops were reported to have income-producing shops.

Conference/meeting facilities were available in 45 percent of the museums; of those, almost all (99 percent) were managed in-house and 32 percent were income producing.

(3) Library Facilities

The majority (67 percent) of all museums had library facilities. The distribution of museums with library facilities across museum type was fairly uniform; history museums had the lowest percentage (62 percent) and science museums the highest percentage (79 percent).

The sample of those museums with library facilities was further analyzed to determine the kinds of services available (see Table 49, end of chapter). Fifty-eight percent of those museums with library facilities had facilities that were open to the public. The distribution across museum types was, again, relatively uniform. Survey data were also collected to ascertain whether library facilities were used exclusively for research or exclusively for lending purposes. Approximately 82 percent of those with library facilities had facilities for research purposes only; approximately 4 percent were for lending purposes only. Standing out from the rest, only 44 percent of children's museums with library facilities had facilities for research purposes only, and about 16 percent were for lending purposes only.

Those institutions with library facilities were also asked if they had materials in audiovisual form; a majority (67 percent) did, ranging from 57 percent for children's museums to 83 percent for specialized museums.

The survey also estimated the size of an institution's library facilities according to the number of titles of books and periodicals (see Tables 50 and 51, end of chapter, for detailed data). Most (84 percent) of

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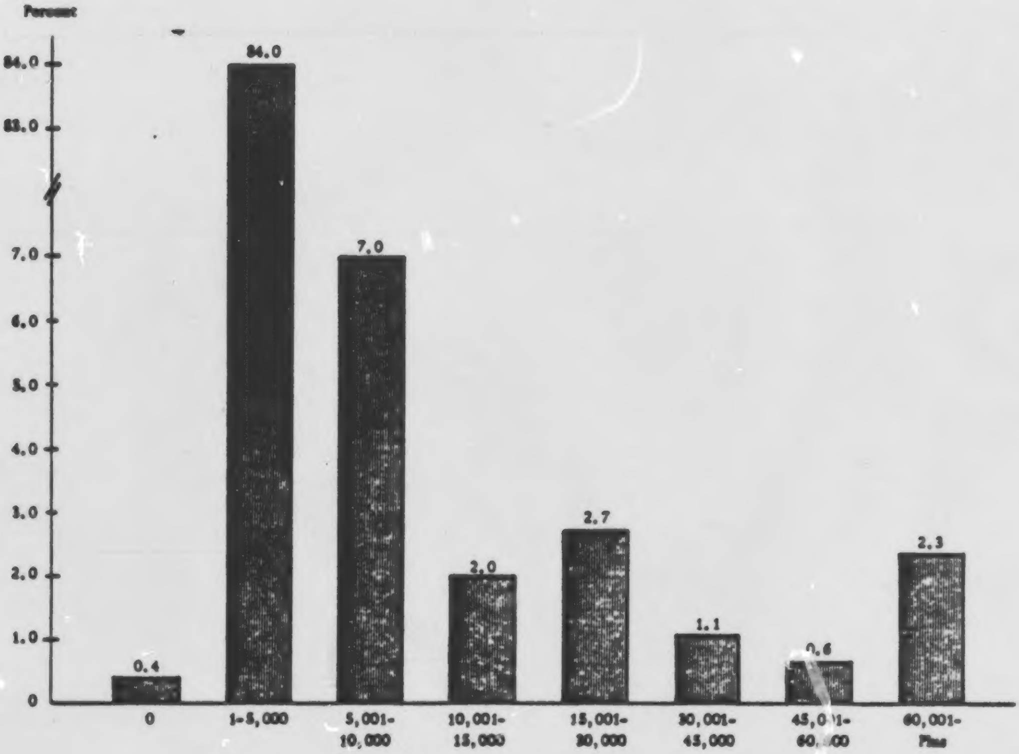
[2/] Percentages add to more than 100 because a few facilities had both an in-house shop and one that was contracted out.

the museums with libraries had 5,000 or fewer distinct book titles (see Figure 30). Most (84 percent) of the institutions with libraries also had 50 or less periodical subscriptions.

FIGURE 30—DISTRIBUTION OF MUSEUMS, BY NUMBER OF BOOK TITLES
N = 4,408



(4) Facilities For The Physically Handicapped

About half of the museums (estimated 54 percent) had accommodations for the physically handicapped. Parks and visitor centers were most likely to have such facilities (estimated 79 percent), whereas history museums and specialized museums were least likely (42 and 47 percent, respectively; see Figure 31).

Additional data were obtained to determine the approximate percent of the facility accessible to the mobility impaired. Across museum types, 44 percent of the art museums had facilities that were 100 percent accessible, whereas only 16 percent of the history museums were 100 percent accessible. An estimated 12 percent had facilities that were completely inaccessible to the mobility impaired (see Figure 32).

FIGURE 31—MUSEUMS WITH FACILITIES FOR THE HANDICAPPED, BY TYPE

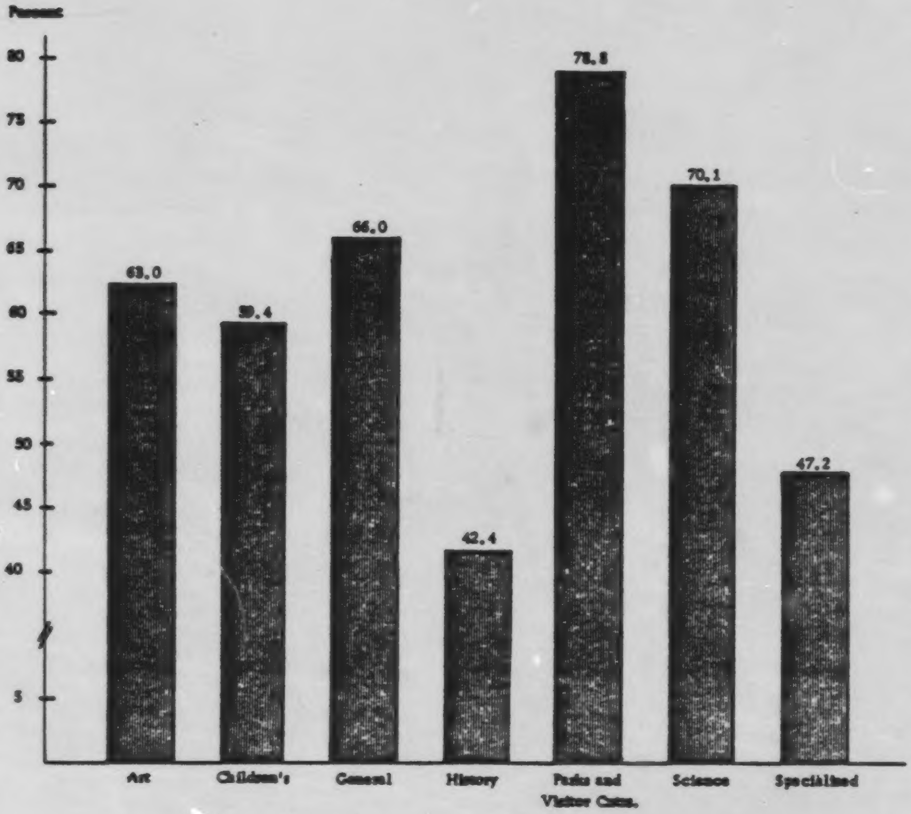
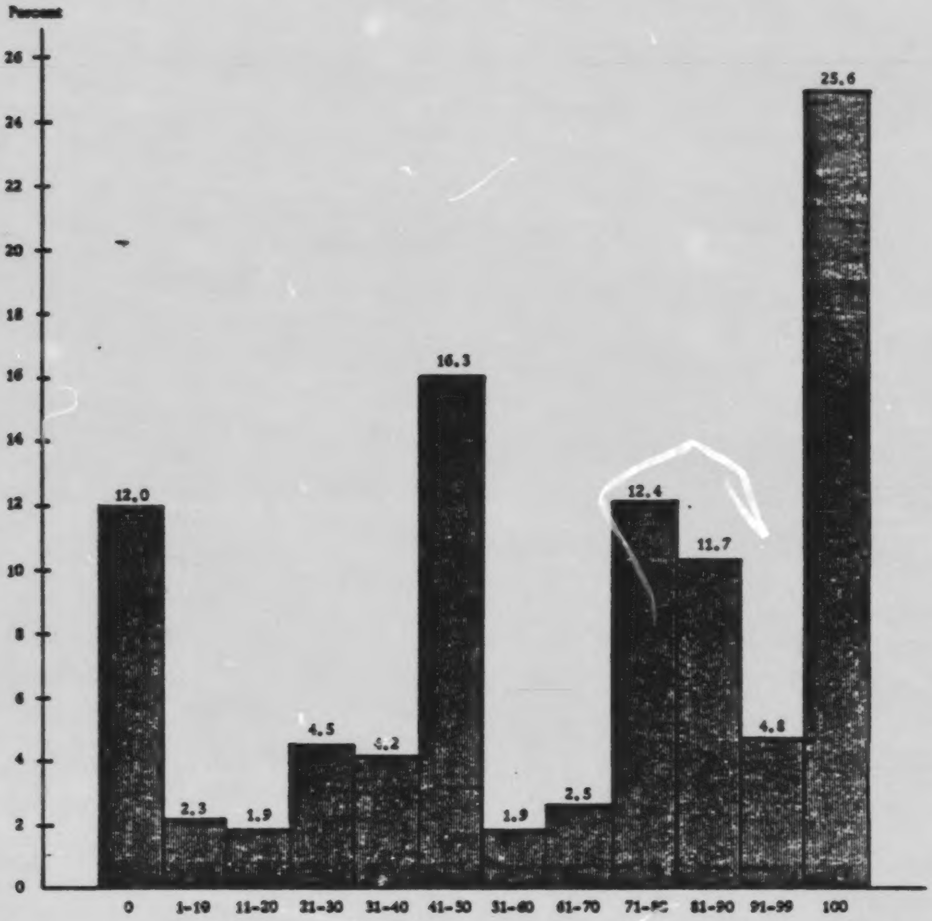


FIGURE 32--DISTRIBUTION OF MUSEUMS, BY PERCENT OF FACILITY ACCESSIBLE TO THE MOBILITY IMPAIRED



All museums were queried to determine whether they had an independent audit of museum facilities by handicapped persons. An estimated 14 percent of all museums had such an audit; history museums were least likely (10 percent), and parks and visitor centers were most likely (24 percent).

3. HOW MUCH OF THE AVAILABLE EXHIBITION AND STORAGE SPACE WAS UTILIZED BY MUSEUMS?

(1) What Percent Of Available Exhibition Space Was Used For Exhibitions?

Almost three-fourths of all museums indicated that all of the available exhibition space was fully utilized for exhibitions. Among museum types, those institutions that reported 100 percent utilization ranged from 57 percent for parks and visitor centers to 88 percent for art museums, indicating a strong emphasis toward full utilization of exhibition space on the part of all types of museums (see Table 52, end of chapter).

(2) What Percent Of Available Storage Space Was Used For Storage?

Approximately 63 percent of the museums fully utilized the available storage space for its intended purpose. Although the percent of utilization for storage space was not quite as large as for exhibition space, it still represents a significant commitment to utilization of available space. Among museum types, percentage utilization ranged from one-half with full utilization (parks and visitor centers) to three-quarters with full utilization (art museums; see Table 53, end of chapter).

REFERENCE NOTES

PHASE-IN PROVISIONS FOR MAKING STATE TITLE I ALLOTMENTS (LEA PASS THROUGH PORTION) FY 1981 IS THE YEAR PRECEDING CONSOLIDATION

(in advance-funded programs the funds are appropriated in FY 81 are to be used during FY 82)

In order to give the States an opportunity to adjust to funding shifts resulting from the application of a new formula, the bill would hold the States harmless in FY 1982 with respect to their relative funding positions under the antecedent programs in FY 1981. Of the sums allotted to the States on the basis of the number of low-income children, the Secretary would allot to each State in FY 1982 a share equal to the share the State received in FY 1981 under sections 111 and 117 of the Elementary and Secondary Education Act. Of the sums allotted to the States on the basis of school-age population, the Secretary would allot to each State in FY 1982 a share equal to the share the State received in fiscal year 1981 under sections 611 and 617 of the Education of the Handicapped Act and under sections 606(a) and 608 of the Emergency School Aid Act.

TABLES AT END OF
CHAPTER V

Table 47.—Distribution Of Museums Owned And/Or Operated By An Entity Other Than The Governing Authority, By Type*

Type of Museum	Totals	Owned	Operated	Owned/Operated
All Museums	925	589	115	221
(Percent)	(100.0)	(64.0)	(12.0)	(24.0)
Art	145	114	17	14
(Percent)	(100.0)	(79.0)	(12.0)	(10.0)
Children's	21	19	-	2
(Percent)	(100.0)	(91.0)	-	(9.0)
General	106	49	24	34
(Percent)	(100.0)	(46.0)	(22.0)	(32.0)
History	444	270	36	138
(Percent)	(100.0)	(61.0)	(8.0)	(31.0)
Parks & Visitor Centers	12	9	1	2
(Percent)	(100.0)	(74.0)	(9.0)	(17.0)
Science	148	105	20	23
(Percent)	(100.0)	(71.0)	(14.0)	(15.0)
Specialized	49	23	18	9
(Percent)	(100.0)	(47.0)	(36.0)	(18.0)

* Totals may not add to 100 due to rounding.

TABLE 48.--FACILITIES AVAILABLE FOR PUBLIC USE AND METHOD OF OPERATION, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

FACILITIES FOR PUBLIC USE	TOTAL N = 4,408	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
AUDITORIUM/THEATRE..........	1,338	232	14	117	517	86	310	62
PERCENT OF MUSEUMS..........	30.4	38.1	28.1	30.6	23.5	51.8	38.8	31.3
CLASSROOM....................	1,086	262	29	98	263	27	374	34
PERCENT OF MUSEUMS..........	24.6	43.0	57.1	25.7	11.9	16.4	46.8	17.1
STUDIO.......................	379	191	13	46	76	0	44	9
PERCENT OF MUSEUMS..........	8.6	31.3	26.1	12.1	3.4	.0	5.5	4.5
PUBLIC PARKING								
IN-HOUSE OPERATION........	2,858	349	24	233	1,336	133	617	165
PERCENT OF MUSEUMS........	64.8	57.3	47.9	60.9	60.6	80.6	77.1	84.1
CONTRACTED OUT.............	97	42	0	6	27	7	17	0
PERCENT OF MUSEUMS........	2.2	6.8	.0	1.6	1.2	3.9	2.1	.0
INCOME PRODUCING...........	118	20	0	6	27	1	63	0
PERCENT OF MUSEUMS........	2.7	3.3	.0	1.6	1.2	.6	7.9	.0
PUBLIC RESTAURANT/CAFETERIA								
IN-HOUSE OPERATION........	391	87	0	32	81	4	145	43
PERCENT OF MUSEUMS........	8.9	14.2	.0	8.3	3.7	2.4	18.1	21.7
CONTRACTED OUT.............	359	41	10	20	174	24	81	9
PERCENT OF MUSEUMS........	8.1	6.8	19.2	5.1	7.9	14.5	10.1	4.4
INCOME PRODUCING...........	529	88	5	38	143	20	203	33
PERCENT OF MUSEUMS........	12.0	14.4	10.0	9.9	6.5	11.8	25.4	16.6
BOOK/SALES SHOP								
IN-HOUSE OPERATION........	2,461	393	28	200	1,212	82	416	130
PERCENT OF MUSEUMS........	55.6	64.6	55.6	52.2	55.0	49.7	52.1	65.8
CONTRACTED OUT.............	253	13	0	17	110	29	77	8
PERCENT OF MUSEUMS........	5.7	2.1	.0	4.5	5.0	17.3	9.7	3.8
INCOME PRODUCING...........	2,388	370	28	199	1,155	55	444	136
PERCENT OF MUSEUMS........	54.2	60.7	55.6	52.0	52.4	33.3	55.6	69.1
CONFERENCE FACILITIES								
IN-HOUSE OPERATION........	1,974	323	27	217	847	63	402	94
PERCENT OF MUSEUMS........	44.8	53.0	52.9	56.9	38.5	38.2	50.2	47.9
CONTRACTED OUT.............	14	0	0	4	0	0	8	2
PERCENT OF MUSEUMS........	.3	.0	.0	1.0	.0	.0	1.0	.8
INCOME PRODUCING...........	628	140	10	49	258	5	131	35
PERCENT OF MUSEUMS........	14.2	22.9	20.4	12.7	11.7	3.0	16.3	18.0
OTHER FACILITIES								
IN-HOUSE OPERATION........	491	87	10	26	182	13	137	37
PERCENT OF MUSEUMS........	11.1	14.2	18.8	6.9	8.3	7.9	17.1	18.6
CONTRACTED OUT.............	19	6	0	2	7	0	3	2
PERCENT OF MUSEUMS........	.4	.9	.0	.5	.3	.0	.3	1.1
INCOME PRODUCING...........	377	85	10	16	125	4	108	31
PERCENT OF MUSEUMS........	8.6	13.9	18.8	4.1	5.6	2.4	13.5	15.6

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TABLE 49.--TYPE OF LIBRARY, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

TYPE OF LIBRARY	TOTAL N = 4,408	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
HAS LIBRARY FACILITIES..........	2,950	404	32	275	1,357	121	634	127
PERCENT..........................	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IF YES, OPEN TO THE PUBLIC?								
YES..............................	1,723	243	14	180	877	79	256	73
PERCENT..........................	58.4	60.1	45.1	65.4	64.7	65.6	40.3	57.5
NO...............................	1,227	161	17	95	480	42	379	54
PERCENT..........................	41.6	39.9	54.9	34.6	35.3	34.4	59.7	42.2
FOR RESEARCH ONLY?								
YES..............................	2,408	320	14	219	1,225	86	461	84
PERCENT..........................	81.6	79.1	44.1	79.6	90.3	71.4	72.6	65.7
NO...............................	542	85	18	56	132	35	174	44
PERCENT..........................	18.4	20.9	55.9	20.4	9.7	28.6	27.4	34.3
LENDING ONLY?								
YES..............................	105	14	5	5	33	12	30	8
PERCENT..........................	3.6	3.3	15.8	1.6	2.4	10.0	4.7	6.5
NO...............................	2,844	391	27	270	1,325	109	605	119
PERCENT..........................	96.4	96.7	84.2	98.4	97.6	90.0	95.3	93.5
MATERIALS IN AUDIO-VISUAL FORM?								
YES..............................	1,985	290	18	174	844	90	463	106
PERCENT..........................	67.3	71.7	57.0	63.4	62.2	74.7	73.0	83.3
NO...............................	964	114	14	100	513	31	172	21
PERCENT..........................	32.7	28.3	43.0	36.6	37.8	25.3	27.0	16.7

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TABLE 50.--NUMBER OF BOOKS FOR MUSEUMS WITH LIBRARIES, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

NUMBER OF BOOKS	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
NUMBER OF MUSEUMS.....	4,408	609	51	382	2,204	165	800	197
PERCENT..............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NONE.................	1,469	205	19	117	847	45	166	72
PERCENT..............	33.3	33.6	37.9	30.5	38.4	27.0	20.7	36.5
1 - 5,000.....	2,477	302	29	227	1,178	119	515	107
PERCENT..............	56.2	49.6	57.9	59.4	53.4	71.8	64.4	54.2
5,001 - 10,000.....	207	35	1	20	82	2	56	11
PERCENT..............	4.7	5.8	2.1	5.2	3.7	1.2	7.0	5.4
10,001 - 15,000.....	59	23	-	2	15	-	19	1
PERCENT..............	1.3	3.8	-	.5	.7	-	2.3	.6
15,001 - 30,000.....	79	15	-	9	29	-	23	2
PERCENT..............	1.8	2.5	-	2.4	1.3	-	2.9	1.1
30,001 - 45,000.....	31	5	-	3	17	-	7	-
PERCENT..............	.7	.8	-	.7	.8	-	.8	-
45,001 - 60,000.....	17	5	1	-	9	-	1	1
PERCENT..............	.4	.8	2.1	-	.4	-	.1	.6
ABOVE 60,000.........	69	19	-	5	28	-	13	3
PERCENT..............	1.6	3.1	-	1.3	1.3	-	1.7	1.6

TABLE 51.--NUMBER OF PERIODICAL SUBSCRIPTIONS FOR MUSEUMS WITH LIBRARIES, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

PERIODICAL SUBSCRIPTIONS	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
NUMBER OF MUSEUMS......	4,408	609	51	382	2,204	165	800	197
PERCENT...............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NONE..................	1,877	206	23	153	1,178	51	186	81
PERCENT...............	42.6	33.7	44.9	40.0	53.5	30.9	23.2	41.1
1 - 50............	2,070	318	23	206	869	100	452	102
PERCENT...............	47.0	52.2	45.1	53.8	39.5	60.6	56.5	51.9
51 - 100............	159	38	1	14	50	2	53	2
PERCENT...............	3.6	6.2	2.1	3.5	2.2	1.2	6.6	1.1
101 - 150............	53	15	-	-	8	-	30	-
PERCENT...............	1.2	2.5	-	-	.4	-	3.8	-
151 - 200............	64	7	4	2	22	7	18	4
PERCENT...............	1.4	1.1	7.9	.5	1.0	3.9	2.3	2.3
201 - 400............	89	7	-	4	55	-	22	1
PERCENT...............	2.0	1.1	-	1.1	2.5	-	2.7	.6
ABOVE 400............	96	19	-	4	22	6	34	6
PERCENT...............	2.2	3.1	-	1.1	1.0	3.3	4.9	3.1

TABLE 52.--PERCENT OF DISTRIBUTION OF EXHIBITION SPACE UTILIZED, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

SPACE UTILIZED	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL...........	4,408	609	51	382	2,204	165	800	197
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1% - 10%...........	65	-	-	-	29	11	23	2
PERCENT.............	1.5	-	-	-	1.3	6.4	2.9	1.0
11% - 20%...........	25	-	-	3	8	6	8	1
PERCENT.............	.6	-	-	.7	.4	3.6	1.0	.6
21% - 30%...........	75	5	2	3	21	9	35	1
PERCENT.............	1.7	.7	3.9	.7	1.0	5.5	4.3	.6
31% - 40%...........	76	2	-	7	30	4	23	10
PERCENT.............	1.7	.3	-	1.9	1.3	2.4	2.9	5.1
41% - 50%...........	200	13	3	10	122	10	36	6
PERCENT.............	4.5	2.1	5.1	2.6	5.5	6.1	4.5	3.0
51% - 60%...........	82	4	-	8	47	4	19	1
PERCENT.............	1.9	.6	-	2.2	2.1	2.1	2.4	.6
61% - 70%...........	59	3	1	7	20	8	18	4
PERCENT.............	1.3	.4	2.1	1.7	.9	4.5	2.3	1.8
71% - 80%...........	350	23	2	13	251	8	41	12
PERCENT.............	7.9	3.7	4.1	3.4	11.4	4.5	5.1	6.3
81% - 90%...........	199	11	4	17	74	11	65	18
PERCENT.............	4.5	1.8	8.0	4.3	3.4	6.7	8.1	9.0
91% - 99%...........	124	16	-	8	60	2	34	5
PERCENT.............	2.8	2.6	-	2.0	2.7	1.2	4.3	2.3
100%................	3,152	534	39	308	1,542	94	498	137
PERCENT.............	71.5	87.7	76.7	80.6	70.0	57.0	62.2	69.6

TABLE 53.--PERCENT OF DISTRIBUTION OF STORAGE SPACE UTILIZED, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

SPACE UTILIZED	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL..........	4,408	609	51	382	2,204	165	800	197
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0%.................	364	19	5	24	166	34	110	8
PERCENT.............	8.3	3.0	9.8	6.3	7.5	20.3	13.7	4.1
1% - 10%...........	166	16	1	6	108	7	29	-
PERCENT.............	3.8	2.5	2.1	1.4	4.9	4.2	3.6	-
11% - 20%...........	120	16	2	10	70	5	13	5
PERCENT.............	2.7	2.6	2.9	2.5	3.2	3.0	1.6	2.5
21% - 30%...........	144	5	2	18	105	1	11	2
PERCENT.............	3.3	.7	4.1	4.7	4.8	.6	1.4	1.1
31% - 40%...........	54	8	-	10	23	3	6	5
PERCENT.............	1.2	1.3	-	2.5	1.0	1.5	.7	2.7
41% - 50%...........	203	12	-	6	131	16	29	10
PERCENT.............	4.6	1.9	-	1.4	5.9	9.7	3.6	5.1
51% - 60%...........	39	8	-	3	16	-	9	3
PERCENT.............	.9	1.3	-	.8	.7	-	1.1	1.6
61% - 70%...........	43	1	2	3	26	-	12	-
PERCENT.............	1.0	.2	4.3	.8	1.2	-	1.4	-
71% - 80%...........	226	10	3	9	121	6	60	18
PERCENT.............	5.1	1.6	6.2	2.4	5.5	3.3	7.5	9.2
81% - 90%...........	157	39	-	16	52	5	40	6
PERCENT.............	3.6	6.3	-	4.1	2.3	3.0	5.0	3.3
91% - 99%...........	123	4	-	7	89	-	22	1
PERCENT.............	2.8	.7	-	1.8	4.0	-	2.8	.6
100%................	2,770	473	36	273	1,300	90	461	137
PERCENT.............	62.8	77.8	70.5	71.3	59.0	54.2	57.6	69.8

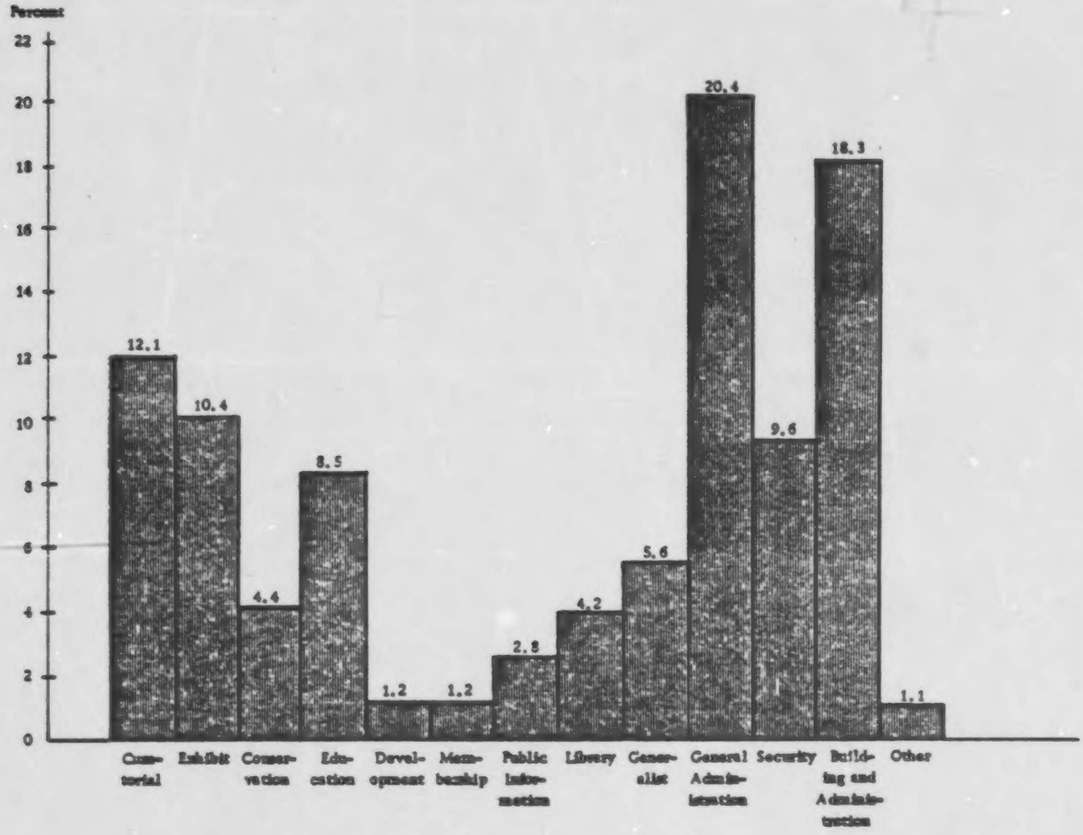
VI. PERSONNEL

1. WERE THE NUMBERS OF PERSONNEL WITH EDUCATIONAL RESPONSIBILITIES INCREASING WHILE THOSE IN CURATORIAL (INCLUDING RESEARCH) AND CONSERVATION WERE DECREASING?

(1) Regular Full-Time Staff

In 1979, an estimated two-fifths of the regular, full-time museum personnel in all museums spent a majority of their time in either general administration or building and maintenance, making these areas the two with the greatest percentage of total personnel. Three areas of responsibility--development, membership, and public information--accounted for less than 3 percent each of the total personnel (see Figure 33).

FIGURE 33—DISTRIBUTION OF REGULAR FULL-TIME PERSONNEL, BY AREA OF RESPONSIBILITY



About one out of every ten regular, full-time staff persons was concerned primarily with education; a slightly higher percentage (12 percent) had primarily curatorial responsibilities, which included research and registration. Only about 4 percent were primarily concerned with conservation (see Table 54, end of chapter, for distribution of personnel by area of responsibility and by museum type). Fiscal year 1972 data from Museums USA: A Survey Report were examined to determine trends among areas of responsibility. However, the Museums USA survey used 5 rather than 13 areas of responsiblity and, therefore, comparability is limited. The percentage of personnel devoted to educational responsibilities remained the same in both years (approximately one out of every ten). In 1972, the curatorial/display/exhibit category used in the Museums USA report also included conservation, whereas in 1979 curatorial, exhibits, and conservation were three distinct areas of responsibility. Moreover, research was included in the curatorial category in 1979 but was a distinct category in 1972. For purposes of comparison, the 1972 curatorial/exhibit/display and research categories were consolidated (17 percent and 6 percent, respectively) and the 1979 curatorial, exhibits, and conservation categories were summed (12, 10, and 4 percent, respectively) to yield equivalent categories. Because of the variation in classification, caution should be used in interpreting the results of the analysis. With this in mind, it appears that the percentage of personnel with curatorial, exhibit, and conservation responsibilities remained substantially unchanged (an estimated one-fourth of the total) and that the percentage of personnel with educational responsibilities has remained fairly constant in relation to curatorial and conservation personnel.

(2) Other Staff

Few (estimated 15 percent) museums employed full-time temporary staff, and only about one-third of the museums employed part-time temporaries. Of the total number of temporary personnel (both full- and part-time), the largest number (one-third of the total) had primarily educational responsibilities. The number of temporaries with curatorial or conservation responsibilities was somewhat lower (about 10 percent or less). No comparable data from previous surveys were available to determine whether the number of temporary personnel with educational responsibilities was increasing in relation to temporary staff with curatorial or conservation responsibilities.

Only about one out of every ten museums had full-time volunteers, whereas six out of ten had part-time volunteers. Only about 6 percent of all museums had one or two full-time volunteers; 19 percent had between one and five part-time volunteers. Moreover, about 14 percent of all museums had more than 41 part-time volunteers. As was the case with temporary personnel, the largest number of volunteers (one-third of the total) had primarily educational responsibilities, whereas only about one out of every ten had primarily curatorial or conservation responsibilities.

Only one-fifth of the museums had either full- or part-time CETA[1] personnel. An estimated one-third of the total number of CETA staff members had building and maintenance responsibilities, making this area of responsibility the one with the largest number of CETA employees. The number of CETA personnel with educational and curatorial responsibilities was approximately equal (about one out of every 10); only about 5 percent of the CETA employees had conservation responsibilities.

2. DID MUSEUM WORKERS CONTINUE TO RECEIVE RELATIVELY LOW WAGES COMPARED TO OTHERS WORKING IN SIMILAR POSITIONS AT OTHER INSTITUTIONS?

In fiscal year 1979, the median salary for all full-time museum employees was $12,225 (see Figure 34).

The general administration staff had the highest median income ($12,957) and the security staff the lowest ($9,651). The technical staff (individuals with curatorial, exhibit, conservation, education, development, membership, public information, library, and general responsibilities) had a median income of $12,762. In contrast, Bureau of Labor Statistics data showed that the median salary for classroom teachers in cities with populations over 100,000 was between $16,500 and $16,000[2] and for library professionals approximately $16,650)[3] (see also Tables 55A-N, end of chapter).

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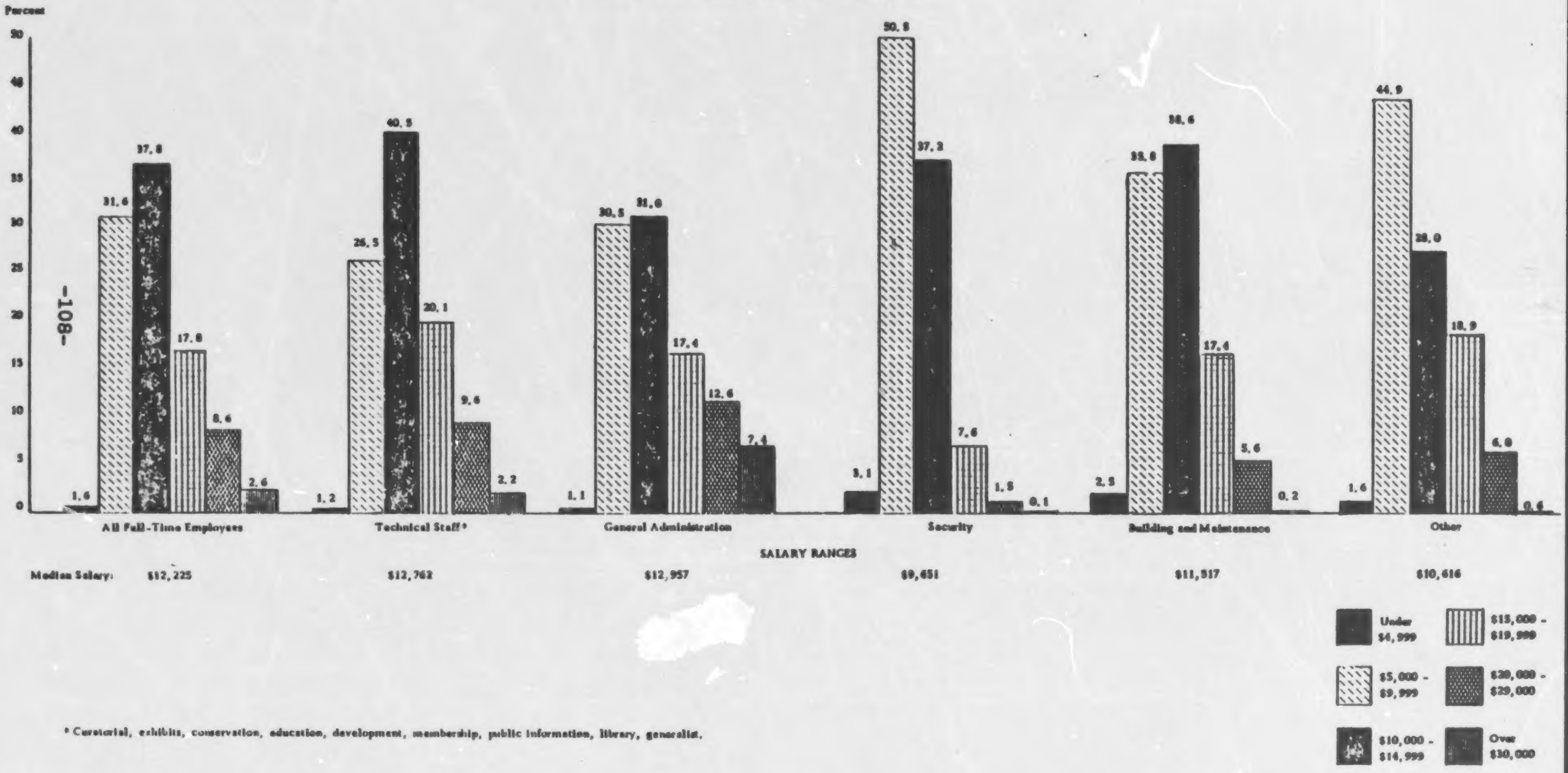
[1] Comprehensive Employment and Training Act. Prime sponsors are authorized to fund CETA positions in the fine and performing arts. In museums, a wide range of positions have been funded, including curatorial aide, guard, theater manager, and mail clerk.

[2] U.S. Department of Labor, Bureau of Labor Statistics Salary Trend Survey, published in Current Wage Developments, May 1980, Bureau of Labor Statistics.

[3] U.S. Department Of Labor, Bureau of Labor Statistics, unpublished tabulations from the current population survey, 1979.

FIGURE 34--UNIVARIATE DISTRIBUTIONS OF SALARY RANGES FOR MUSEUM STAFF FOR ALL MUSEUMS: UNITED STATES, 1979



* Curatorial, exhibits, conservation, education, development, membership, public information, library, generalist.

TABLES AT THE END OF CHAPTER VI

TABLE 54.--DISTRIBUTION OF REGULAR FULL-TIME STAFF ACROSS AREAS OF RESPONSIBILITY, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

FULL-TIME STAFF	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
AREA OF RESPONSIBILITY TOTAL	37,533	9,862	410	3,100	8,964	861	13,439	897
PERCENT..............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CURATORIAL...........	4,554	1,373	21	512	892	49	1,624	83
PERCENT..............	12.1	13.9	5.0	16.5	9.9	5.6	12.1	9.3
EXHIBITS.............	3,885	353	38	271	797	31	2,182	213
PERCENT..............	10.4	3.6	9.3	8.7	8.9	3.6	16.2	23.8
CONSERVATION.........	1,653	273	6	70	197	10	1,089	8
PERCENT..............	4.4	2.8	1.6	2.2	2.2	1.2	8.1	.9
EDUCATION............	3,197	631	93	303	953	118	1,000	100
PERCENT..............	8.5	6.4	22.6	9.8	10.6	13.6	7.4	11.1
DEVELOPMENT..........	469	169	7	36	99	4	133	19
PERCENT..............	1.2	1.7	1.7	1.2	1.1	.5	1.0	2.2
MEMBERSHIP...........	441	215	2	43	48	3	112	19
PERCENT..............	1.2	2.2	.5	1.4	.5	.3	.8	2.1
PUBLIC INFORMATION..	1,050	280	14	100	233	75	305	43
PERCENT..............	2.8	2.8	3.4	3.2	2.6	8.7	2.3	4.8
LIBRARY..............	1,587	748	4	56	596	1	155	25
PERCENT..............	4.2	7.6	1.1	1.8	6.7	.1	1.2	2.8
GENERALIST...........	2,115	273	16	193	577	99	894	63
PERCENT..............	5.6	2.8	3.8	6.2	6.4	11.4	6.7	7.6
GENERAL ADMINISTRATION....	7,675	2,182	134	665	2,096	195	2,247	154
PERCENT..............	20.4	22.1	32.8	21.5	23.4	22.6	16.7	17.2
SECURITY.............	3,617	1,831	26	274	588	33	808	58
PERCENT..............	9.6	18.6	6.3	8.8	6.6	3.8	6.0	6.4
BUILDING AND MAINTENANCE.......	6,875	1,449	40	572	1,748	245	2,723	96
PERCENT..............	18.3	14.7	9.7	18.5	19.5	28.4	20.3	11.0
OTHER................	416	86	9	2	141	0	166	12
PERCENT..............	1.1	.9	2.1	.1	1.6	.0	1.2	1.3

TABLE 55-A.--SALARY DISTRIBUTION OF FULL-TIME CURATORIAL STAFF, BY SALARY RANGE AND TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

CURATORIAL TYPE OF MUSEUM	TOTAL	UNDER $5,000	$5,000 - $9,999	$10,000 - $14,999	$15,000 - $19,999	$20,000 - $29,999	$30,000 AND OVER
ALL MUSEUMS..	4,793	100	883	1,607	1,088	877	239
PERCENT...........	100.0	2.1	18.4	33.5	22.7	18.3	5.0
ART..............	1,391	0	194	529	321	269	78
PERCENT...........	100.0	.0	13.9	38.0	23.1	19.4	5.6
CHILDREN'S........	28	0	9	11	5	3	0
PERCENT...........	100.0	.0	31.9	39.8	17.2	11.1	.0
GENERAL...........	552	21	88	156	150	110	28
PERCENT...........	100.0	3.7	16.0	28.3	27.1	19.9	5.0
HISTORY...........	1,008	57	309	386	168	89	0
PERCENT...........	100.0	5.6	30.7	38.3	16.6	8.8	.0
PARKS AND VISITOR CENTERS.	51	0	6	24	9	11	1
PERCENT...........	100.0	.0	11.9	47.5	16.8	21.8	2.0
SCIENCE...........	1,676	21	262	462	413	386	133
PERCENT...........	100.0	1.2	15.6	27.6	24.6	23.0	7.9
SPECIALIZED.......	88	2	15	38	23	10	0
PERCENT...........	100.0	2.4	16.9	43.4	26.4	10.9	.0

TABLE 55-B.--SALARY DISTRIBUTION OF FULL-TIME EXHIBITS STAFF, BY SALARY RANGE AND TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

EXHIBITS TYPE OF MUSEUM	TOTAL	UNDER $5,000	$5,000 - $9,999	$10,000 - $14,999	$15,000 - $19,999	$20,000 - $29,999	$30,000 AND OVER
ALL MUSEUMS..	3,965	8	1,096	1,712	904	218	28
PERCENT...........	100.0	.2	27.6	43.2	22.8	5.5	.7
ART..............	361	2	70	197	54	33	4
PERCENT...........	100.0	.6	19.4	54.7	14.9	9.3	1.1
CHILDREN'S........	41	0	11	21	8	2	0
PERCENT...........	100.0	.0	26.5	50.0	18.2	5.3	.0
GENERAL...........	265	2	47	121	86	27	2
PERCENT...........	100.0	.5	16.6	42.6	30.1	9.5	.7
HISTORY...........	813	1	392	307	81	29	3
PERCENT...........	100.0	.1	48.3	37.8	9.9	3.6	.4
PARKS AND VISITOR CENTERS.	33	0	19	9	4	2	0
PERCENT...........	100.0	.0	56.1	25.8	12.1	6.1	.0
SCIENCE...........	2,217	2	386	1,027	663	120	19
PERCENT...........	100.0	.1	17.4	46.3	29.9	5.4	.9
SPECIALIZED.......	215	1	171	31	8	4	0
PERCENT...........	100.0	.5	79.4	14.4	3.9	1.9	.0

TABLE 55-C.--SALARY DISTRIBUTION OF FULL-TIME CONSERVATION STAFF, BY SALARY RANGE AND TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

CONSERVATION TYPE OF MUSEUM	TOTAL	UNDER $5,000	$5,000 - $9,999	$10,000 - $14,999	$15,000 - $19,999	$20,000 - $29,999	$30,000 AND OVER
ALL MUSEUMS..	1,747	20	418	720	412	158	18
PERCENT...........	100.0	1.1	23.9	41.2	23.6	9.1	1.0
ART...............	274	0	37	82	80	64	12
PERCENT...........	100.0	.0	13.3	29.9	29.3	23.3	4.3
CHILDREN'S........	15	0	5	7	3	0	0
PERCENT...........	100.0	.0	30.3	48.1	21.6	.0	.0
GENERAL...........	74	1	14	27	18	13	1
PERCENT...........	100.0	1.3	18.5	36.1	24.9	17.8	1.3
HISTORY...........	252	16	68	125	33	10	0
PERCENT...........	100.0	6.3	27.0	49.5	13.2	3.9	.0
PARKS AND VISITOR CENTERS.	10	0	0	4	6	0	0
PERCENT...........	100.0	.0	.0	40.0	60.0	.0	.0
SCIENCE...........	1,110	3	291	470	269	72	5
PERCENT...........	100.0	.3	26.2	42.4	24.2	6.4	.5
SPECIALIZED.......	11	0	4	5	2	0	0
PERCENT...........	100.0	.0	37.6	43.1	19.3	.0	.0

TABLE 55-D.--SALARY DISTRIBUTION OF FULL-TIME EDUCATION STAFF, BY SALARY RANGE AND TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

EDUCATION TYPE OF MUSEUM	TOTAL	UNDER $5,000	$5,000 - $9,999	$10,000 - $14,999	$15,000 - $19,999	$20,000 - $29,999	$30,000 AND OVER
ALL MUSEUMS..	3,312	33	1,003	1,369	621	253	34
PERCENT...........	100.0	1.0	30.3	41.3	18.7	7.6	1.0
ART...............	655	0	157	314	122	55	7
PERCENT...........	100.0	.0	24.0	48.0	18.6	8.3	1.1
CHILDREN'S........	119	0	41	49	23	5	0
PERCENT...........	100.0	.0	34.8	41.5	19.3	4.3	.0
GENERAL...........	335	6	88	125	81	30	4
PERCENT...........	100.0	1.8	26.2	37.4	24.3	9.1	1.2
HISTORY...........	938	16	418	363	117	25	0
PERCENT...........	100.0	1.7	44.5	38.7	12.4	2.7	.0
PARKS AND VISITOR CENTERS.	117	0	44	44	23	7	0
PERCENT...........	100.0	.0	37.3	37.3	19.3	6.0	.0
SCIENCE...........	1,048	11	225	420	242	128	22
PERCENT...........	100.0	1.1	21.4	40.1	23.1	12.2	2.1
SPECIALIZED.......	100	0	31	53	13	2	0
PERCENT...........	100.0	.0	31.0	53.4	13.4	2.1	.0

TABLE 55-E.--SALARY DISTRIBUTION OF FULL-TIME DEVELOPMENT STAFF, BY SALARY RANGE AND TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

DEVELOPMENT TYPE OF MUSEUM	TOTAL	UNDER $5,000	$5,000 - $9,999	$10,000 - $14,999	$15,000 - $19,999	$20,000 - $29,999	$30,000 AND OVER
ALL MUSEUMS..	488	1	97	153	98	85	55
PERCENT............	100.0	.2	19.8	31.4	20.0	17.4	11.2
ART...............	171	0	40	43	31	30	27
PERCENT............	100.0	.0	23.7	25.2	18.3	17.3	15.5
CHILDREN'S........	7	0	1	4	2	0	0
PERCENT............	100.0	.0	15.7	52.9	31.4	.0	.0
GENERAL............	40	0	13	7	8	9	3
PERCENT............	100.0	.0	32.8	16.4	20.5	22.8	7.6
HISTORY............	112	0	13	57	27	13	4
PERCENT............	100.0	.0	11.2	50.5	24.1	11.2	3.1
PARKS AND VISITOR CENTERS.	4	0	0	3	0	0	1
PERCENT............	100.0	.0	.0	75.0	.0	.0	25.0
SCIENCE............	135	1	22	35	27	30	21
PERCENT............	100.0	.8	16.0	25.9	19.9	21.9	15.4
SPECIALIZED.......	19	0	8	5	2	4	0
PERCENT............	100.0	.0	40.0	27.4	11.4	21.2	.0

TABLE 55-F.--SALARY DISTRIBUTION OF FULL-TIME MEMBERSHIP STAFF, BY SALARY RANGE AND TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

MEMBERSHIP TYPE OF MUSEUM	TOTAL	UNDER $5,000	$5,000 - $9,999	$10,000 - $14,999	$15,000 - $19,999	$20,000 - $29,999	$30,000 AND OVER
ALL MUSEUMS..	461	8	182	210	36	24	1
PERCENT............	100.0	1.7	39.5	45.5	7.8	5.2	.3
ART...............	216	0	77	119	16	5	0
PERCENT............	100.0	.0	35.6	54.8	7.2	2.4	.0
CHILDREN'S........	2	0	1	1	0	0	0
PERCENT............	100.0	.0	50.0	50.0	.0	.0	.0
GENERAL............	41	0	15	23	2	0	0
PERCENT............	100.0	.0	38.0	56.[illegible]	5.1	.0	.0
HISTORY............	65	5	29	19	10	1	1
PERCENT............	100.0	7.0	44.0	29.4	15.3	2.2	2.2
PARKS AND VISITOR CENTERS.	3	0	2	1	0	0	0
PERCENT............	100.0	.0	66.7	33.3	.0	.0	.0
SCIENCE............	115	4	55	41	7	8	0
PERCENT............	100.0	3.1	47.4	35.9	6.4	7.2	.0
SPECIALIZED.......	19	0	3	6	1	9	0
PERCENT............	100.0	.0	17.6	29.4	5.3	47.7	.0

TABLE 55-G.--SALARY DISTRIBUTION OF FULL-TIME PUBLIC INFORMATION STAFF, BY SALARY RANGE AND TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

PUBLIC INFORMATION TYPE OF MUSEUM	TOTAL	UNDER $5,000	$5,000 - $9,999	$10,000 - $14,999	$15,000 - $19,999	$20,000 - $29,999	$30,000 AND OVER
ALL MUSEUMS..	1,109	15	328	453	204	98	11
PERCENT...........	100.0	1.3	29.6	40.9	18.4	8.9	1.0
ART...............	285	0	100	93	58	31	3
PERCENT...........	100.0	.0	35.2	32.6	20.4	10.8	1.1
CHILDREN'S........	15	0	3	8	3	1	0
PERCENT...........	100.0	.0	17.4	54.0	21.3	7.3	.0
GENERAL...........	109	4	28	26	31	18	2
PERCENT...........	100.0	3.2	25.6	24.0	28.4	16.9	1.9
HISTORY...........	265	5	73	132	45	9	1
PERCENT...........	100.0	1.7	27.5	49.9	17.1	3.4	.4
PARKS AND VISITOR CENTERS.	75	4	22	44	6	1	0
PERCENT...........	100.0	4.7	28.7	58.0	7.3	1.3	.0
SCIENCE...........	317	2	87	129	60	34	5
PERCENT...........	100.0	.6	27.5	40.6	18.8	10.7	1.7
SPECIALIZED.......	43	1	15	22	1	4	0
PERCENT...........	100.0	2.3	35.6	50.1	2.6	9.5	.0

TABLE 55-H.--SALARY DISTRIBUTION OF FULL-TIME LIBRARY STAFF, BY SALARY RANGE AND TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

LIBRARY TYPE OF MUSEUM	TOTAL	UNDER $5,000	$5,000 - $9,999	$10,000 - $14,999	$15,000 - $19,999	$20,000 - $29,999	$30,000 AND OVER
ALL MUSEUMS..	1,573	17	340	830	291	89	7
PERCENT...........	100.0	1.0	21.6	52.8	18.5	5.6	.5
ART...............	723	0	83	443	150	42	4
PERCENT...........	100.0	.0	11.5	61.3	20.7	5.9	.6
CHILDREN'S........	4	0	2	1	1	0	0
PERCENT...........	100.0	.0	50.0	25.0	25.0	.0	.0
GENERAL...........	57	0	11	33	6	5	2
PERCENT...........	100.0	.0	19.2	57.6	10.7	8.9	3.6
HISTORY...........	597	15	199	269	93	22	0
PERCENT...........	100.0	2.5	33.2	44.9	15.6	3.7	.0
PARKS AND VISITOR CENTERS.	1	0	0	0	1	0	0
PERCENT...........	100.0	.0	.0	.0	100.0	.0	.0
SCIENCE...........	163	2	37	69	37	18	1
PERCENT...........	100.0	.9	22.5	42.2	22.7	11.0	.6
SPECIALIZED.......	27	0	8	16	2	1	0
PERCENT...........	100.0	.0	29.9	57.7	8.2	4.1	.0

TABLE 55-I.--SALARY DISTRIBUTION OF FULL-TIME GENERALIST STAFF, BY SALARY RANGE AND TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

GENERALIST TYPE OF MUSEUM	TOTAL	UNDER $5,000	$5,000 - $9,999	$10,000 - $14,999	$15,000 - $19,999	$20,000 - $29,999	$30,000 AND OVER
ALL MUSEUMS..	2,348	37	893	955	325	107	33
PERCENT...........	100.0	1.6	38.0	40.7	13.8	4.6	1.4
ART...............	325	2	122	147	32	16	6
PERCENT...........	100.0	.6	37.5	45.2	9.9	4.9	1.8
CHILDREN'S........	17	0	5	11	1	0	0
PERCENT...........	100.0	.0	28.4	65.1	6.5	.0	.0
GENERAL...........	197	2	90	73	21	9	2
PERCENT...........	100.0	1.0	45.9	36.9	10.8	4.3	1.0
HISTORY...........	734	28	308	251	112	26	11
PERCENT...........	100.0	3.7	41.9	34.2	15.2	3.5	1.5
PARKS AND VISITOR CENTERS.	107	0	8	64	21	14	0
PERCENT...........	100.0	.0	7.5	59.8	19.6	13.1	.0
SCIENCE...........	895	3	320	387	131	40	14
PERCENT...........	100.0	.3	35.8	43.3	14.7	4.4	1.5
SPECIALIZED.......	72	2	40	21	6	3	0
PERCENT...........	100.0	2.9	54.7	29.6	8.4	4.3	.0

TABLE 55-J.--SALARY DISTRIBUTION OF FULL-TIME GENERAL ADMINISTRATION STAFF, BY SALARY RANGE AND TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

GENERAL ADMINISTRATION TYPE OF MUSEUM	TOTAL	UNDER $5,000	$5,000 - $9,999	$10,000 - $14,999	$15,000 - $19,999	$20,000 - $29,999	$30,000 AND OVER
ALL MUSEUMS..	7,643	85	2,334	2,373	1,328	961	563
PERCENT...........	100.0	1.1	30.5	31.0	17.4	12.6	7.4
ART...............	2,226	12	730	728	324	227	206
PERCENT...........	100.0	.5	32.8	32.7	14.6	10.2	9.2
CHILDREN'S........	137	0	33	61	21	15	6
PERCENT...........	100.0	.0	24.4	44.8	15.3	11.3	4.2
GENERAL...........	676	18	201	191	133	76	57
PERCENT...........	100.0	2.7	29.7	28.2	19.6	11.3	8.4
HISTORY...........	2,055	48	683	633	354	270	68
PERCENT...........	100.0	2.3	33.2	30.8	17.2	13.1	3.3
PARKS AND VISITOR CENTERS.	203	0	48	51	42	58	4
PERCENT...........	100.0	.0	23.7	25.2	20.5	28.6	2.0
SCIENCE...........	2,185	1	591	657	431	300	205
PERCENT...........	100.0	.0	27.1	30.1	19.7	13.7	9.4
SPECIALIZED.......	162	7	48	51	23	15	17
PERCENT...........	100.0	4.3	29.6	31.7	14.3	9.3	10.8

TABLE 55-K.--SALARY DISTRIBUTION OF FULL-TIME SECURITY STAFF, BY SALARY RANGE AND TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

SECURITY TYPE OF MUSEUM	TOTAL	UNDER $5,000	$5,000 - $9,999	$10,000 - $14,999	$15,000 - $19,999	$20,000 - $29,999	$30,000 AND OVER
ALL MUSEUMS..	3,835	117	1,935	1,427	292	59	4
PERCENT............	100.0	3.1	50.5	37.2	7.6	1.5	.1
ART................	1,919	54	1,036	729	74	24	3
PERCENT............	100.0	2.8	54.0	38.0	3.8	1.3	.2
CHILDREN'S........	29	0	24	4	0	1	0
PERCENT............	100.0	.0	81.4	14.9	.0	3.7	.0
GENERAL............	283	1	119	81	69	13	0
PERCENT............	100.0	.4	42.1	28.4	24.5	4.6	.0
HISTORY............	659	39	385	190	42	4	0
PERCENT............	100.0	5.9	58.4	28.8	6.3	.6	.0
PARKS AND VISITOR CENTERS.	33	0	12	16	3	2	0
PERCENT............	100.0	.0	36.4	48.5	9.1	6.1	.0
SCIENCE............	851	10	341	381	103	15	1
PERCENT............	100.0	1.1	40.1	44.8	12.2	1.7	.1
SPECIALIZED........	60	14	19	27	1	0	0
PERCENT............	100.0	23.4	30.9	44.1	1.7	.0	.0

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TABLE 55-L.--SALARY DISTRIBUTION OF FULL-TIME BUILDING AND MAINTENANCE STAFF, BY SALARY RANGE, AND TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

BUILDING AND MAINTENANCE TYPE OF MUSEUM	TOTAL	UNDER $5,000	$5,000 - $9,999	$10,000 - $14,999	$15,000 - $19,999	$20,000 - $29,999	$30,000 AND OVER
ALL MUSEUMS..	7,148	179	2,558	2,757	1,240	397	16
PERCENT............	100.0	2.5	35.8	38.6	17.3	5.6	.2
ART................	1,482	12	514	677	202	71	6
PERCENT............	100.0	.8	34.7	45.7	13.6	4.8	.4
CHILDREN'S........	48	0	28	11	6	3	0
PERCENT............	100.0	.0	59.3	22.2	13.1	5.4	.0
GENERAL............	570	6	245	132	160	26	1
PERCENT............	100.0	1.1	42.9	23.2	28.0	4.6	.2
HISTORY............	1,812	127	794	583	222	86	0
PERCENT............	100.0	7.6	43.8	32.2	12.2	4.7	.0
PARKS AND VISITOR CENTERS.	245	1	74	98	50	23	0
PERCENT............	100.0	.4	30.3	39.9	20.2	9.2	.0
SCIENCE............	2,878	33	850	1,210	587	189	9
PERCENT............	100.0	1.1	29.5	42.0	20.4	6.6	.3
SPECIALIZED........	114	0	52	47	14	0	0
PERCENT............	100.0	.0	46.0	41.5	12.5	.0	.0

TABLE 55-M.--SALARY DISTRIBUTION OF FULL-TIME OTHER STAFF, BY SALARY RANGE AND TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

OTHER TYPE OF MUSEUM	TOTAL	UNDER $5,000	$5,000 - $9,999	$10,000 - $14,999	$15,000 - $19,999	$20,000 - $29,999	$30,000 AND OVER
ALL MUSEUMS..	550	9	247	154	104	33	3
PERCENT...........	100.0	1.5	44.9	28.1	18.9	6.1	.6
ART...............	96	3	39	34	15	4	1
PERCENT...........	100.0	3.1	40.8	35.4	15.4	4.3	1.0
CHILDREN'S........	11	0	3	2	3	3	0
PERCENT...........	100.0	.0	22.3	19.4	29.1	29.1	.0
GENERAL...........	19	0	13	5	1	0	0
PERCENT...........	100.0	.0	66.1	28.4	5.5	.0	.0
HISTORY...........	237	6	105	75	45	6	0
PERCENT...........	100.0	2.5	44.4	31.6	19.1	2.5	.0
PARKS AND VISITOR CENTERS.	1	0	0	0	1	0	0
PERCENT...........	100.0	.0	.0	.0	100.0	.0	.0
SCIENCE...........	175	0	78	38	36	20	2
PERCENT...........	100.0	.0	44.7	21.9	20.8	11.5	1.2
SPECIALIZED.......	12	0	10	0	2	0	0
PERCENT...........	100.0	.0	81.1	.0	18.9	.0	.0

TABLE 55-N.--SALARY DISTRIBUTION OF TOTAL FULL-TIME STAFF, BY SALARY RANGE AND TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

TOTAL STAFF TYPE OF MUSEUM	TOTAL	UNDER $5,000	$5,000 - $9,999	$10,000 - $14,999	$15,000 - $19,999	$20,000 - $29,999	$30,000 AND OVER
ALL MUSEUMS..	38,972*	626	12,313	14,720	6,941	3,359	1,013
PERCENT...........	100.0	1.6	31.6	37.8	17.8	8.6	2.6
ART...............	10,123	84	3,200	4,134	1,478	871	356
PERCENT...........	100.0	.8	31.6	40.8	14.6	8.6	3.5
CHILDREN'S........	473	0	166	192	77	34	6
PERCENT...........	100.0	.0	35.0	40.5	16.2	7.1	1.2
GENERAL...........	3,238	60	973	1,000	767	337	102
PERCENT...........	100.0	1.8	30.0	30.9	23.7	10.4	3.1
HISTORY...........	9,548	360	3,774	3,388	1,349	589	88
PERCENT...........	100.0	3.8	39.5	35.5	14.1	6.2	.9
PARKS AND VISITOR CENTERS.	881	5	234	356	164	118	6
PERCENT...........	100.0	.5	26.5	40.4	18.6	13.3	.7
SCIENCE...........	13,765	91	3,544	5,327	3,007	1,358	438
PERCENT...........	100.0	.7	25.7	38.7	21.8	9.9	3.2
SPECIALIZED.......	943	27	424	322	100	52	17
PERCENT...........	100.0	2.9	44.9	34.2	10.6	5.5	1.8

183

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* Total does not equal full-time staff on Table 52 due to difference resulting from item imputations for nonresponses.

VII. MUSEUM PRIORITIES

Museum directors were asked to rank four areas of museum activity: education, exhibition, conservation/preservation, and research, in order of priority. Museums' highest priorities were either in the area of education or exhibits. Art, general, history, and specialized museums most often indicated that exhibits were the highest priority; children's museums, parks and visitor centers, and science museums most often ranked education as the highest priority (see Table 56).

Over half of all types of museums ranked education as having either the highest or next highest priority. Children's museums displayed the greatest unanimity in their ranking of education. Over 90 percent indicated that education was the highest priority, and the remaining children's museums placed it as second in importance. It is quite evident from all of the relevant survey data that children's museums have displayed a strong commitment to education. History and general museums were least likely to rank education as a high museum priority; approximately 60 percent of each ranked education as most or second most important (see Table 57-A).

Art museums displayed the greatest tendency to rank exhibits as having the highest priority; an estimated 65 percent of art museums indicated that exhibits were the most important to their museums. For children's museums, exhibits were second most important after education. Approximately 80 percent of all types of museums indicated that exhibits were first or second most important (see Table 57-B).

Conservation was third most important to the majority of museums in each museum type. The greatest tendency to place conservation as most important came from history museums (estimated 27 percent; see Table 57-C). Responses from history museums in other areas consistently displayed their concern with the conservation of museum objects.

Research activities did not appear to be as important to museums. Very few museums (estimated 2 percent) indicated that research was most important, and over 70 percent indicated that research was either the next to the lowest or lowest priority or not applicable to the museum (see Table 57-D).

Museum directors were provided an opportunity to specify an additional priority activity and rank it; less than 15 percent took this opportunity. Activities included were acquisition of objects, community service, entertainment, and development. An estimated 15 percent of all parks and visitor centers added such activities and ranked them first or second (see Table 57-E).

Table 56.--Highest Priority Of Museum Activities, By Type Of Museum

Type of Museum	Activity					
	Total	Education	Exhibits	Conservation	Research	Other
All Museums	4,408	1,398	1,937	912	334	71
(Percent)	(100.0)	(32.0)	(44.0)	(21.0)	(2.0)	(2.0)
Art	610	153	394	48	4	11
(Percent)	(100.0)	(25.0)	(65.0)	(8.0)	(1.0)	(2.0)
Children's	51	46	5	-	-	-
(Percent)	(100.0)	(90.0)	(10.0)	-	-	-
General	384	110	189	72	10	3
(Percent)	(100.0)	(29.0)	(49.0)	(19.0)	(3.0)	(-)
History	2,204	531	1,024	587	45	17
(Percent)	(100.0)	(24.0)	(46.0)	(27.0)	(2.0)	(1.0)
Parks & Visitor Centers	165	80	26	40	-	19
(Percent)	(100.0)	(48.0)	(16.0)	(24.0)	-	(12.0)
Science	801	416	213	123	28	21
(Percent)	(100.0)	(52.0)	(27.0)	(15.0)	(3.0)	(3.0)
Specialized	197	62	87	43	4	1
(Percent)	(100.0)	(31.0)	(44.0)	(22.0)	(2.0)	(1.0)

TABLE 57-A.--EDUCATION PRIORITY OF MUSEUM ACTIVITIES, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

EDUCATION PRIORITY	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL..........	4,408	609	51	382	2,204	165	800	197
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
HIGHEST.............	1,398	153	46	110	531	80	416	62
PERCENT.............	31.7	25.1	90.6	28.7	24.1	48.5	51.9	31.7
SECOND..............	1,593	331	5	117	766	49	240	84
PERCENT.............	36.1	54.4	9.4	30.6	34.8	29.7	30.0	42.7
THIRD...............	1,061	90	-	116	681	23	110	41
PERCENT.............	24.1	14.8	-	30.3	30.9	13.9	13.7	21.0
FOURTH..............	283	32	-	30	180	7	29	6
PERCENT.............	6.4	5.2	-	7.8	8.2	3.9	3.7	3.2
LOWEST..............	11	1	-	-	4	-	5	1
PERCENT.............	.2	.2	-	-	.2	-	.6	.5
NOT APPLICABLE......	62	2	-	10	42	7	-	2
PERCENT.............	1.4	.3	-	2.6	1.9	3.9	-	1.0

TABLE 57-B.--EXHIBITION PRIORITY OF MUSEUM ACTIVITIES, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

EXHIBITION PRIORITY	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL..........	4,408	609	51	382	2,204	165	800	197
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
HIGHEST.............	1,937	394	5	189	1,024	26	213	87
PERCENT.............	43.9	64.7	9.4	49.4	46.4	15.8	26.6	44.0
SECOND..............	1,560	169	45	118	716	87	362	63
PERCENT.............	35.4	27.8	87.7	30.9	32.5	52.4	45.3	32.3
THIRD...............	626	31	-	64	313	38	145	36
PERCENT.............	14.2	5.0	-	16.7	14.2	22.7	18.2	18.3
FOURTH..............	257	14	2	11	138	4	78	11
PERCENT.............	5.8	2.3	2.9	2.8	6.3	2.4	9.8	5.5
LOWEST..............	24	1	-	-	12	10	2	-
PERCENT.............	.5	.2	-	-	.5	6.1	.2	-
NOT APPLICABLE......	3	-	-	1	3	1	-	-
PERCENT.............	.1	-	-	.3	.1	.6	-	-

TABLE 57-C.--CONSERVATION PRIORITY OF MUSEUM ACTIVITIES, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

CONSERVATION PRIORITY	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL..............	4,408	609	51	382	2,204	165	800	197
PERCENT................	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
HIGHEST................	912	48	-	72	587	40	123	43
PERCENT................	20.7	7.9	-	18.7	26.6	24.2	15.3	21.7
SECOND.................	815	57	-	93	472	20	135	40
PERCENT................	18.5	9.3	-	24.3	21.4	11.8	16.8	20.4
THIRD..................	1,740	286	35	145	736	89	370	79
PERCENT................	39.5	47.0	68.6	37.8	33.4	53.6	46.3	40.4
FOURTH.................	768	151	11	58	377	7	133	30
PERCENT................	17.4	24.8	22.3	15.2	17.1	4.2	16.7	15.2
LOWEST.................	59	23	1	7	14	6	9	1
PERCENT................	1.3	3.7	2.0	1.7	.6	3.3	1.1	.5
NOT APPLICABLE.........	114	45	4	9	19	5	31	4
PERCENT................	2.6	7.3	6.9	2.2	.8	2.7	3.8	1.8

TABLE 57-D.--RESEARCH PRIORITY OF MUSEUM ACTIVITIES, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

RESEARCH PRIORITY	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL...........	4,408	609	51	382	2,204	165	800	197
PERCENT...............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
HIGHEST...............	90	4	-	10	45	-	28	4
PERCENT...............	2.0	.6	-	2.5	2.9	-	3.5	2.1
SECOND................	363	22	-	49	228	3	53	8
PERCENT...............	8.2	3.6	-	12.7	10.4	1.8	6.6	4.1
THIRD.................	780	139	12	36	418	12	131	33
PERCENT...............	17.7	22.8	23.1	9.5	19.0	7.0	16.3	17.0
FOURTH................	2,614	336	36	232	1,310	126	464	110
PERCENT...............	59.3	55.2	70.8	60.7	59.5	76.4	58.0	55.8
LOWEST................	227	53	1	15	74	6	69	6
PERCENT...............	5.1	8.7	2.1	3.9	3.3	4.5	8.6	4.2
NOT APPLICABLE.......	334	56	2	41	128	17	56	33
PERCENT...............	7.6	9.2	3.9	10.7	5.8	10.3	7.0	16.8

TABLE 57-E.--OTHER PRIORITIES OF MUSEUM ACTIVITIES, BY TYPE OF MUSEUM; UNITED STATES, FISCAL YEAR 1979

OTHER PRIORITIES	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL..........	4,408	609	51	382	2,204	165	800	197
PERCENT..............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
HIGHEST..............	71	11	-	3	17	19	21	1
PERCENT..............	1.6	1.7	-	.7	.8	11.5	2.6	.5
SECOND...............	75	30	2	5	22	6	11	1
PERCENT..............	1.7	4.9	2.9	1.3	1.0	3.6	1.3	.6
THIRD................	126	50	4	10	32	-	23	2
PERCENT..............	2.7	8.1	8.0	2.6	1.4	-	2.9	1.1
FOURTH...............	108	15	-	9	36	3	39	6
PERCENT..............	2.4	2.5	-	2.4	1.6	1.5	4.9	3.1
LOWEST...............	259	42	3	22	137	-	44	12
PERCENT..............	5.9	6.8	5.1	5.7	6.2	-	5.4	6.2
NOT APPLICABLE.......	3,774	463	43	334	1,960	138	663	174
PERCENT..............	85.6	76.0	83.9	87.4	89.0	83.3	82.8	88.6

APPENDIX A

COVER LETTERS AND SURVEY INSTRUMENTS— 1978 AND 1979 SURVEYS

1979 MUSEUM SAMPLE SURVEY

APPENDIX A(1)

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
OFFICE OF THE ASSISTANT SECRETARY FOR EDUCATION
WASHINGTON, D.C. 20202

NATIONAL CENTER FOR
EDUCATION STATISTICS

DEC 5 1979

Dear Colleague:

The Institute of Museum Services (IMS), which administers Federal grants to museums, and the National Center for Education Statistics (NCES) are conducting a survey of a random sample of 1,400 museums and related institutions throughout the United States.

This survey, which is the first effort of its type since the Museums USA Survey of 1974, will provide the National Museum Services Board and IMS with current information on the characteristics and needs of museums. IMS needs this information to develop policies and programs of support to museums for the future.

In order to reduce the time required to complete the survey, we have limited the questions to those areas which will provide the most essential information. Representatives from many different types of museums, museum associations, and Federal and State museum-funding agencies assisted in the development of the survey. This participation has resulted in a questionnaire which will not only meet NCES' and IMS' needs, but will also benefit other agencies, individual museums, museum associations, the research community, and the general public.

To ensure reliable national and regional estimates, it is vital that complete and accurate responses be obtained. NCES has contracted with Macro Systems, Inc. (MACRO) of Silver Spring, Maryland to conduct the survey operations. Please complete the enclosed survey instrument and return in the stamped and addressed return envelope. If you have any questions on the questionnaires or its processing, please contact Lisa DiRocco at MACRO (301) 588-5484.

We look forward to your response. On behalf of the museum profession, we hope you will give it your earliest consideration so that we can make the results of this survey available to you as soon as possible.

Sincerely yours,

Lee Kimche | Marie D. Eldridge

Lee Kimche
Director
Institute of Museum Services

Marie D. Eldridge
Administrator
National Center for Education Statistics

Enclosure

APPENDIX A(2)

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE EDUCATION DIVISION NATIONAL CENTER FOR EDUCATION STATISTICS **MUSEUM PROGRAM SURVEY 1979**	FORM APPROVED OMB NO. 51-S79007
	DUE DATE

NAME AND MAILING ADDRESS OF MUSEUM COVERED BY THIS REPORT *(Include City, State, and ZIP Code)*

NAME OF PERSON COMPLETING THIS FORM

TITLE

MUSEUM TELEPHONE NUMBER

AREA CODE	NUMBER	EXTENSION

PURPOSE OF THIS SURVEY. This survey will provide current information about collections, exhibits, staff, physical facilities and educational programs offered by museums and related institutions. This will be complete museum data for use in the development of programs by the Institute of Museum Services as well as providing data for the profession, state and local goverments.

MAIL COMPLETED FORM TO:

Museum Program Survey
Macro Systems, Inc.
8630 Fenton Street
Silver Spring, Maryland 20910

DO NOT RETURN INSTRUCTIONS

This report is authorized by law (20 U.S.C. 1221e-1). While you are not required to respond, your cooperation is needed to make the results of this survey comprehensive, accurate, and timely. Data collected will be weighed and aggregated to national estimates for publication purposes.

NCES FORM 2424, 11/79

APPENDIX A(3)

PART I. PURPOSE AND GOVERNING AUTHORITY

CARD
TYPE
01

A. GOVERNING AUTHORITY IS THE AGENCY WHICH OWNS THE COLLECTIONS AND ASSETS OF YOUR INSTITUTION, BUT NOT NECESSARILY ITS FACILITIES. CHECK THE ONE MOST APPLICABLE.

01. ☐ NON-PROFIT *(private organization)*	08. ☐ PUBLIC SCHOOL DISTRICT
02. ☐ MUNICIPAL GOVERNMENT	09. ☐ PUBLIC COLLEGE/UNIVERSITY
03. ☐ COUNTY GOVERNMENT	10. ☐ CHURCH, DENOMINATIONAL GROUP 10-11
04. ☐ STATE GOVERNMENT	11. ☐ INDUSTRIAL OR COMMERCIAL CORPORATION
05. ☐ FEDERAL GOVERNMENT	12. ☐ PRIVATE INDIVIDUAL
06. ☐ PRIVATE ELEMENTARY/SECONDARY SCHOOL	13. ☐ OTHER *(specify)*
07. ☐ PRIVATE COLLEGE/UNIVERSITY	12-13

B. 1. ARE THE INSTITUTION'S FACILITIES OWNED OR OPERATED BY AN ENTITY OTHER THAN THE GOVERNING AUTHORITY?

1☐ YES 2☐ NO 14

2. IF YES, CHECK THE ONE WHICH APPLIES: 1☐ OWNED 2☐ OPERATED 3 ☐OWNED/OPERATED 15

C. DOES THE INSTITUTION HAVE A BOARD OF TRUSTEES OR OTHER ADVISORY BOARD WITH DIRECT RESPONSIBILITY FOR THE INSTITUTION'S POLICY?

1☐ YES 2☐ NO 16

D. RANK IN ORDER OF PRIORITY THE FOLLOWING ACTIVITIES OF YOUR MUSEUM/INSTITUTION *(number 1 has the highest, and 5 the lowest)*

ACTIVITY	PRIORITY RANKING		
1. EDUCATION		17	▨
2. EXHIBITION		18	▨
3. CONSERVATION/PRESERVATION		19	▨
4. RESEARCH		20	▨
5. OTHER *(Specify)*		21 22-23	▨

APPENDIX A(4)

PART II. COLLECTIONS AND EXHIBITIONS

A. DO YOU HAVE A COMPLETE, UP-TO-DATE INVENTORY OF ALL YOUR COLLECTIONS? 1 ☐ YES 2 ☐ NO 24

B. CHECK THE TYPE OF OBJECT(S) THAT CONSTITUTE AN IMPORTANT PART OF THE INSTITUTIONS COLLECTIONS

1. ART

a. ☐ 25 ARTS AND CRAFTS
b. ☐ 26 DECORATIVE ARTS
c. ☐ 27 FINE ARTS
d. ☐ 28 FOLK ART
e. ☐ 29 PHOTOGRAPHY
f. ☐ 30 TECHNOLOGICAL ART/DESIGN
g. ☐ 31 OTHER ART *(specify)* 32-33

2. HISTORY

a. ☐ 34 HISTORIC HOUSES AND HISTORIC BUILDINGS
b. ☐ 35 HISTORIC SITES
c. ☐ 36 HISTORY
d. ☐ 37 MARITIME NAVAL AND HISTORIC SHIPS
e. ☐ 38 MILITARY
f. ☐ 39 OTHER HISTORY *(specify)* 40-41

3. SCIENCE

a. ☐ 42 AERONAUTICS, ASTRONOMY, AND SPACE
b. ☐ 43 ANIMAL *(live)*-AQUATIC, ANTOMOGICAL, HERPETOLOGICAL, AND ORNITHOLOGICAL
c. ☐ 44 ANIMAL PRESERVED
d. ☐ 45 ANTHROPOLOGICAL, ETHNOLOGICAL, AND INDIAN
e. ☐ 46 ARCHAEOLOGICAL
f. ☐ 47 GEOLOGICAL, MINERAL, AND PALEONTOLOGICAL
g. ☐ 48 INDUSTRIAL
h. ☐ 49 MEDICAL, DENTAL, HEALTH, AND PHARMACOLOGICAL
i. ☐ 50 NATURAL HISTORY AND NATURAL SCIENCE
j. ☐ 51 PLANTS, AGRICULTURE, ARBOREOUS, BOTANICAL, HERBACEOUS, AND HORTICULTURAL

3. SCIENCE *(Continued)*

k. ☐ 52 SCIENCE GENERAL
l. ☐ 53 PHYSICAL SCIENCE AND MATH
m. ☐ 54 TECHNOLOGY
n. ☐ 55 OTHER *(specify)* 56-57

4. SPECIALIZED

a. ☐ 58 ANTIQUES
b. ☐ 59 ARCHITECTUAL
c. ☐ 60 AUDIO-VISUAL AND FILM
d. ☐ 61 CIRCUS
e. ☐ 62 COMMUNICATIONS
f. ☐ 63 COSTUME
g. ☐ 64 CRIME
h. ☐ 65 FORESTRY
i. ☐ 66 FURNITURE
j. ☐ 67 GUN
k. ☐ 68 HOBBY
l. ☐ 69 HOROLOGICAL
m. ☐ 70 MONEY AND NUMISMATIC
n. ☐ 71 MUSICAL INSTRUMENTS
o. ☐ 72 PHILATELICAL
p. ☐ 73 RELIGIOUS
q. ☐ 74 THEATRICAL
r. ☐ 75 TOY AND DOLL
s. ☐ 76 TRANSPORTATION
t. ☐ 77 OTHER *(specify)* 78-79

PART III. CONSERVATION/PROTECTION

CARD TYPE 02

A. DOES YOUR INSTITUTION HAVE ITS OWN FACILITIES FOR THE PRESERVATION, CONSERVATION, OR MAINTENANCE OF OBJECTS OR FOR THE PROTECTION OF ENDANGERED SPECIES?

1☐ YES 2☐ NO 10

IF YES, ANSWER THE FOLLOWING QUESTIONS:

1.a. DO YOU HAVE A STAFF TRAINING PROGRAM FOR SUCH ACTIVITIES? 1☐ YES 2☐ NO 11

b. IF YES, CHECK THE FOLLOWING WHICH APPLY:

☐ IN CONJUNCTION WITH ANY UNIVERSITIES 12

☐ IN CONJUNCTION WITH OTHER MUSEUMS 13

☐ IN CONJUNCTION WITH OTHER ORGANIZATIONS *(specify)* 14

________________________________ 15-16

2. DO YOU DO CONSERVATION WORK ON OBJECTS OR SPECIMEN OTHER THAN THOSE BELONGING TO YOUR OWN INSTITUTION? 1☐ YES 2☐ NO 17

3. CHECK THOSE AREAS OF CONSERVATION/PRESERVATION UNDERTAKEN BY YOUR INSTITUTION:

☐ PAINTINGS 18

☐ WORKS ON PAPER 19

☐ SCULPTURE 20

☐ BOOKS 21

☐ PHOTOGRAPHS 22

☐ FURNITURE 23

☐ CONSERVATION OF ENDANGERED SPECIES *(plants or animals)* 24

☐ GENETIC BACK-BREEDING TO REPRODUCE AN EXTINCT SPECIES *(plants or animals)* 25

☐ FILMS, MICROFICHE, ETC. 26

☐ TEXTILES 27

☐ INSTRUMENTS 28

☐ ETHNOGRAPHICAL 29

☐ PALEONTOLOGICAL 30

☐ MOUNTED ZOOLOGICAL 31

☐ MOUNTED BOTANICAL 32

☐ OTHER *(specify)* 33

________________________________ 34-35

B. INDICATE IF FOR SOME OR ALL OF YOUR EXHIBITIONS YOUR INSTITUTION HAS CONTROLS FOR:

☐ TEMPERATURE 36

☐ HUMIDITY 37

C. CHECK THE APPROXIMATE PERCENTAGE OF YOUR COLLECTIONS WHICH ARE CURRENTLY IN SERIOUS NEED OF CONSERVATION, PRESERVATION, MAINTENANCE, OR PROTECTION

1☐ NONE 2☐ LESS THAN 5% 3☐ 5 to 14% 4☐ 15 to 24% 5☐ 25 TO 49% 6☐ GREATER THAN 49% 38

D. INDICATE THE SPECIFIC AREA(S) CURRENTLY IN SERIOUS NEED OF RESOURCES IN YOUR COLLECTIONS:

☐ FACILITIES 39

☐ PROGRAMS 40

☐ STAFF 41

☐ FUNDS 42

PART IV. EDUCATION AND PUBLIC PROGRAMS

A. THE FOLLOWING ARE SOME EDUCATIONAL ACTIVITIES OR GENERAL PROGRAM EVENTS UNDERTAKEN BY MUSEUMS. FOR EACH TYPE OF PROGRAM OFFERED BY YOUR INSTITUTION DURING THE LAST FISCAL YEAR, INDICATE THE TYPES OF PEOPLE WHO PARTICIPATED. PLACE AN "X" IN EACH APPROPRIATE BOX *(Columns a through e)*.

OUR INSTITUTION OFFERED THIS PROGRAM	TYPE OF PARTICIPANT				
	GENERAL PUBLIC *(a)*	ELEMENTARY SCHOOL STUDENTS *(b)*	SECONDARY SCHOOL STUDENTS *(c)*	COLLEGE OR UNIVERSITY STUDENTS *(d)*	OTHER PARTICIPANT *(specify)* ________ 43-44 *(e)*
1. TOURS	☐ 45	☐ 46	☐ 47	☐ 48	☐ 49
2. DEMONSTRATIONS	☐ 50	☐ 51	☐ 52	☐ 53	☐ 54
3. SPECIAL LECTURES	☐ 55	☐ 56	☐ 57	☐ 58	☐ 59
4. CLASSES, WORKSHOPS, SEMINAR	☐ 60	☐ 61	☐ 62	☐ 63	☐ 64
5. PERFORMING ARTS PROGRAM	☐ 65	☐ 66	☐ 67	☐ 68	☐ 69
6. FILMS AND OTHER MEDIA PROGRAMS	☐ 70	☐ 71	☐ 72	☐ 73	☐ 74
7. OUTREACH PROGRAMS	☐ 10	☐ 11	☐ 12	☐ 13	CARD TYPE 03 14
8. OTHER PROGRAM *(Specify)*	☐ 15	☐ 16	☐ 17	☐ 18	19

____ 20-21

B.a. DID YOUR INSTITUTION OFFER SPECIFIC PROGRAMS DURING THE FISCAL YEAR AS REPORTED *(in addition to the general program?)*

1☐ YES 2☐ NO 22

b. IF YES, INDICATE BELOW:

☐ PRE-SCHOOL CHILDREN 23

☐ GIFTED AND TALENTED 24

☐ ADULTS *(member and non-member)* 25

☐ MEMBERS ONLY 26

☐ SENIOR CITIZENS 27

☐ HANDICAPPED 28

☐ OTHER SPECIAL AUDIENCES *(specify)* 29

____ 30-31

C. ARE ANY OF YOUR PROGRAMS SPECIFICALLY DESIGNED TO SERVE ANY OF THE FOLLOWING GROUPS?

☐ AMERICAN INDIAN OR ALASKAN NATIVE 32

☐ ASIAN OR PACIFIC ISLANDERS 33

☐ BLACK NOT HISPANIC 34

☐ HISPANIC 35

D. DOES YOUR INSTITUTION OFFER TEACHER TRAINING PERIODICALLY OR ON A REGULAR BASIS ON HOW TO USE MUSEUM RESOURCES?

1☐ YES 2☐ NO 36

E. DOES YOUR INSTITUTION COOPERATE WITH AN ACCREDITED SCHOOL, COLLEGE OR UNIVERSITY TO PROVIDE A PROGRAM FOR ACADEMIC CREDIT?

1☐ YES 2☐ NO 37

F. DOES YOUR INSTITUTION LOAN EXHIBITIONS TO SCHOOLS, SHOPPING MALLS, ETC.?

1☐ YES 2☐ NO 38

G. IS THE EDUCATION ROLE OF YOUR INSTITUTION *(check one)*

1☐ INCREASING? 2☐ DECREASING? 3☐ STAYING THE SAME? 39

H. DOES YOUR INSTITUTION ASSESS THE EFFECTIVENESS OF YOUR EXHIBITIONS?

1☐ YES 2☐ NO 40

IF YES, SPECIFY ____ 41-42

PART V. ACCESSIBILITY AND ATTENDANCE

A. IS YOUR INSTITUTION WITHIN 1/4 MILE OF REGULARLY SCHEDULED PUBLIC TRANSPORTATION? 1☐ YES 2☐ NO 43

B. DOES YOUR INSTITUTION HAVE A MEMBERSHIP PROGRAM? 1☐ YES 2☐ NO 44

1. IF YES, INDICATE THE NUMBER OF MEMBERS *(Count each organizational membership and each family membership as one)* ________ 45-53

2. IF YES, INDICATE THE ANNUAL FEE APPLICABLE TO EACH TYPE OF MEMBERSHIP *(to the nearest whole dollar)*

CARD TYPE 04

a. INDIVIDUAL $______ 54-58

b. FAMILY $______ 59-63

c. STUDENT $______ 64-68

d. DONOR $______ 69-73

e. SENIOR CITIZEN $______ 10-14

f. PATRON $______ 15-19

g. BUSINESS/ CORPORATE $______ 20-24

h. OTHER(S) *(Specify)* $______ 25-29

________ 30-31

C. 1. DOES THE INSTITUTION HAVE A GENERAL ADMISSION FEE? 1☐ YES 2☐ NO 32

2. IF YES, IS IT 1☐ FIXED? 2☐ SUGGESTED? 33

3. ENTER THE GENERAL DAILY ADMISSION FEE PER PERSON YOUR INSTITUTION HAS SET FOR THE FOLLOWING CATEGORIES *(to the nearest cent)*

ITEM	ADULT	CHILDREN	STUDENTS	SENIOR CITIZENS	GROUP RATE	OTHER *(Specify)* 34-35
Members						
	36-38	39-41	42-44	45-47	48-50	51-53
Non-members						
	54-56	57-59	60-62	63-65	66-68	69-71

D. INDICATE YOUR INSTITUTION'S ADMISSION POLICY FOR SPECIAL EXHIBITIONS. CHECK THE POLICY WHICH APPLIES TO YOUR INSTITUTION FOR VIEWING SPECIAL EXHIBITS *(Check one)*

1☐ NO CHARGE

2☐ FIXED FEE

3☐ SUGGESTED DONATION

4☐ REGULARLY SCHEDULED FREE ADMISSION DAYS

5☐ OTHER ARRANGEMENTS *(Specify)* 72

________ 73-74

E. INDICATE THE TOTAL ATTENDANCE AT YOUR INSTITUTION FOR THE REPORTED FISCAL YEAR

CARD TYPE 05

TOTAL ________ 10-17

THIS TOTAL REPRESENTS *(Check the one most applicable)*

1☐ AN ESTIMATE 18

2☐ AN ACCURATE COUNT COMPILED BY:

1☐ CHECKER/HEADCOUNT

2☐ TURNSTILE

3☐ CASH REGISTER COUNT

4☐ OTHER METHOD *(Specify)* 19

________ 20-21

F. INDICATE THE TOTAL ATTENDANCE FOR THE PRECEDING FOUR FISCAL YEARS

1978 ________ 22-29

1977 ________ 30-37

1976 ________ 38-46

1975 ________ 46-53

PART VI. PERSONNEL

CARD TYPE 06

A. COUNT EACH EMPLOYEE ONLY ONCE. REPORT THAT PERSON IN THE AREA OF RESPONSIBILITY WHERE HE/SHE SPENDS AT LEAST 50% OF HIS/HER TIME. REPORT AS GENERAL ADMINISTRATION ONE PERSON OPERATIONS. REPORT AS GENERALISTS THOSE EMPLOYEES, WHO HAVE COMBINED RESPONSIBILITIES BUT DO NOT SPEND AT LEAST 50% OF THEIR TIME IN ONE AREA

AREA OF RESPONSIBILITY *(See Instructions and Definitions, Part VI)*	REGULAR STAFF		TEMPORARY *		UNPAID VOLUNTEER		CETA	
	FULL TIME	PART ** TIME	FULL TIME	PART** TIME	FULL TIME	PART ** TIME	FULL TIME	PART ** TIME
01. CURATORIAL *(Includes research and registration)*								
02. EXHIBITS								
03. CONSERVATION *(Animate and Inanimate)*								
04. EDUCATION								
05. DEVELOPMENT								
06. MEMBERSHIP								
07. PUBLIC INFORMATION								
08. LIBRARY								
09. GENERALIST								
10. GENERAL ADMINISTRATION								
11. SECURITY								
12. BUILDING AND MAINTENANCE								
13. OTHER *(Specify)*								
14. TOTAL								
10-11	12-16	17-21	22-26	27-31	32-36	37-41	42-46	47-51

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* Includes college work/study, interns, seasonal workers and other short term personnel.

** Part-time work week is less than 35 hours.

PART VI. PERSONNEL *(Continued)* **CARD TYPE 07**

B. REPORT THE NUMBER OF FULL-TIME EMPLOYEES IN THE FOLLOWING ANNUAL SALARY RANGES BY AREA OF RESPONSIBILITY.

AREA OF OF RESPONSIBILITY	SALARY RANGES					
	UNDER $ 4,999	$ 5,000-$ 9,999	$10,000-$14,999	$15,000-$19,999	$20,000-$29,999	OVER $30,000
01. CURATORIAL *(Includes research and registration)*						
02. EXHIBITS						
03. CONSERVATION *(Animate and inanimate)*						
04. EDUCATION						
05. DEVELOPMENT						
06. MEMBERSHIP						
07. PUBLIC INFORMATION						
08. LIBRARY						
09. GENERALIST						
10. GENERAL ADMINISTRATION						
11. SECURITY						
12. BUILDING AND MAINTENANCE						
13. OTHER *(Specify)*						
14. TOTAL FULL-TIME EMPLOYEES						
10-11	12-16	17-21	22-26	27-31	32-36	37-41

PART VII. FINANCES AND BUDGET

(For last completed fiscal year ending prior to January 1, 1980)

CARD TYPE 08

A. TOTAL OPERATING INCOME FROM EACH OF THE SOURCES LISTED BELOW *(Report only whole dollars)*

1. FEDERAL GOVERNMENT GRANT AMOUNT YOUR INSTITUTION RECEIVED IN THE LAST COMPLETED FISCAL YEAR *(Total of a thru g)*		$	10-17
a. SMITHSONIAN – NATIONAL MUSEUM ACT (NMA)	$		18-25
b. INSTITUTE OF MUSEUM SERVICES (IMS)			26-33
c. NATIONAL SCIENCE FOUNDATION (NSF)			34-41
d. NATIONAL ENDOWMENT FOR THE ARTS (NEA)			42-49
e. NATIONAL ENDOWMENT FOR HUMANITIES (NEH)			50-57
f. OFFICE OF EDUCATION (OE)			58-65
g. OTHER FEDERAL *(Specify)*	$		66-73 74-75
2. STATE GOVERNMENT		$	CARD TYPE 09 10-17
3. LOCAL GOVERNMENT *(Municipal and County)*			18-25
4. FOUNDATIONS			26-33
5. CORPORATIONS			34-41
6. INDIVIDUAL CONTRIBUTIONS			42-49
7. OTHER *(Specify)*			50-57 58-59
8. EARNED INCOME *(Total of a thru i)*		$	60-67
a. ADMISSION FEES *(Less taxes)*	$		68-75
b. TUITION FEES *(Classes and seminars)*		CARD TYPE 10	10-17
c. MEMBERSHIP DUES			18-25
d. INVESTMENT INCOME			26-33
e. ENDOWMENT INCOME			34-41
f. FOOD SERVICE *(Net)*			42-49
g. MUSEUM SHOP *(Net)*			50-57
h. AUXILIARY SERVICES *(Net)*			58-65
i. OTHER *(specify)*	$		66-73 74-75
9. TOTAL CASH OPERATING INCOME *(Exclude volunteer and goods and services) (inkind)*		$	CARD TYPE 11 10-17

B. DOES YOUR INSTITUTION HAVE ENDOWMENT FUNDS? 1 ☐ YES 2 ☐ NO 18

CHECK THE RANGE INDICATING THE TOTAL ASSETS IN THE ENDOWMENT FUND

1 ☐ UNDER $50,000
2 ☐ $50,001–$249,999
3 ☐ $250,000–$499,999
4 ☐ $500,000–$999,999
5 ☐ $1,000,000–$9,999,999
6 ☐ $10,000,000 OR MORE, INDICATE AND ROUND TO THE NEAREST MILLION 19

$________ MILLION 20-22

PART VII. FINANCES AND BUDGET *(Continued)*

(For last completed fiscal year ending prior to January 1, 1980)

C. TOTAL CAPITAL EXPENDITURES FOR PAST FISCAL YEAR *(Excludes operating expenses, but includes funds allocated for major equipment, capital improvements, and major acquisition for your permanent collections)*	$	23-30
D. TOTAL OPERATING EXPENDITURES FOR PAST FISCAL YEAR *(excludes in-kind goods and services, overhead and maintenance provided by another or parent organization, as well as CETA and other paid personnel which may not be part of the institution's direct expenditures but are integral to operating)*	$	31-38
1. PAYROLL AND RELATED EXPENDITURES *(Included in Item D)*	$	39-46
2. ACQUISITION EXPENDITURES	$	47-54
E. DOLLAR VALUE OF CONTRIBUTED VOLUNTEER SERVICES	$	55-62
F. DOLLAR VALUE OF CONTRIBUTED GOODS AND OTHER SERVICES *(Exclude capital assets)*	$	63-70

G. HOW WERE TOTAL OPERATING EXPENDITURES DISTRIBUTED AMONG THE VARIOUS AREAS OF YOUR INSTITUTION? ESTIMATE THE PERCENTAGE FOR EACH APPLICABLE AREA. THE TOTAL SHOULD BE 100%

CARD TYPE 12

1. CURATORIAL *(research and registration)*	%	10-12
2. EXHIBITS		13-15
3. CONSERVATION *(animate and inanimate)*		16-18
4. EDUCATION		19-21
5. DEVELOPMENT		22-24
6. MEMBERSHIP		25-27
7. PUBLIC INFORMATION		28-30
8. PAID ADVERTISING		31-33
9. SECURITY		34-36
10. GENERAL ADMINISTRATION		37-39
11. BUILDING AND MAINTENANCE		40-42
12. OTHER	%	43-45
TOTAL	100 %	

PART VIII. SECURITY

A. DOES YOUR INSTITUTION HAVE A FIRE ALARM SYSTEM? 1☐ YES 2☐ NO 46

1. IF YES, IS THE ALARM CONNECTED TO LOCAL AUTHORITIES? 1☐ YES 2☐ NO 47

B. DOES YOUR INSTITUTION HAVE A BURGLAR ALARM SYSTEM? 1☐ YES 2☐ NO 48

1. IF YES, IS THE ALARM CONNECTED TO LOCAL AUTHORITIES? 1☐ YES 2☐ NO 49

C. DO YOU EMPLOY SECURITY GUARDS? *(Or contract for)* 1☐ YES 2☐ NO 50

1. IF YES, INDICATE NUMBER OF SECURITY GUARDS EMPLOYED ____________ 51-53

D. DOES YOUR INSTITUTION OFFER SECURITY TRAINING PROGRAMS ON A PERIODIC OR REGULAR BASIS? 1☐ YES 2☐ NO 54

PART IX. FACILITIES

A. INDICATE WHICH, IF ANY, OF THE FOLLOWING FACILITIES ARE MAINTAINED BY YOUR INSTITUTION

☐ AUDITORIUM/THEATER ☐ CLASSROOM ☐ STUDIO 55-57

B. INDICATE IN SQUARE FEET THE SIZE OF THE FOLLOWING INDOOR AREAS AND THE PERCENT OF THIS AREA USED. FOR OUTDOOR EXHIBITION REPORT THE NUMBER OF ACRES *(In zoos, parks, etc.)*

CARD TYPE 13

AREA	SQUARE FEET	ACRES	PERCENT OF SPACE UTILIZED
1. Exhibition	________ 10-20	________ 21-31	________ 32-34
2. Storage	________ 35-45	________ 46-56	________ 57-59

C. PLACE A CHECK (✓) IN THE APPLICABLE BOXES

CARD TYPE 14

ITEM	IN-HOUSE OPERATION	CONTRACTED OUT	INCOME PRODUCING
1. Public parking	☐ 10	☐ 11	1☐ YES 2☐ NO 12
2. Public Restaurant/Cafeteria	☐ 13	☐ 14	1☐ YES 2☐ NO 15
3. Book/sales Shop	☐ 16	☐ 17	1☐ YES 2☐ NO 18
4. Conference/Meeting Facilities	☐ 19	☐ 20	1☐ YES 2☐ NO 21
5. OTHER *(Specify)*	☐ 22	☐ 23	1☐ YES 2☐ NO 24
			25

D. DOES YOUR INSTITUTION HAVE ACCOMMODATIONS FOR THE PHYSICALLY HANDICAPPED? 1☐ YES 2☐ NO 26

E. DOES YOUR INSTITUTION HAVE AN INDEPENDENT AUDIT OF YOUR FACILITIES BY HANDICAPPED PERSONS? 1☐ YES 2☐ NO 27

F. INDICATE THE PERCENTAGE OF YOUR INSTITUTION THAT IS ACCESSIBLE TO THE MOBILITY–IMPAIRED *(In whole numbers)* ______ % 28-30

G. DOES YOUR INSTITUTION HAVE A LIBRARY? *(If yes answer the following questions)* 1☐ YES 2☐ NO 31

1. OPEN TO THE PUBLIC? 1☐ YES 2☐ NO 32

2. FOR RESEARCH ONLY? 1☐ YES 2☐ NO 33

3. LENDING ONLY? 1☐ YES 2☐ NO 34

4. MATERIALS IN AUDIO-VISUAL FORM *(Slides, tapes, etc.)* 1☐ YES 2☐ NO 35

5. NUMBER OF TITLES OF BOOKS ________ 36-45

6. NUMBER OF TITLES OF PERIODICAL SUBSCRIPTION ________ 46-49

PART X. IMPACT OF INFLATION

A. HAS YOUR MUSEUM BEEN ABLE TO ABSORB THE IMPACT OF INFLATION ON THE COST OF SALARIES, WAGES, GOODS AND SERVICES WITHOUT REDUCING THE LEVEL OF ITS CURRENT OPERATIONS DURING THE YEAR ENDING PRIOR TO JANUARY 1, 1980 BELOW THE LEVEL OF THE PRECEDING YEAR?

1 ☐ YES 2 ☐ NO
50

IF NO, HOW EXTENSIVE WAS THE REDUCTION OF THE LEVEL OF OPERATIONS IN THE FOLLOWING AREAS:

AREAS	EXTENT OF REDUCTION		
	SMALL	SUBSTANTIAL	SEVERE
1. Curatorial	☐ 51	☐ 52	☐ 53
2. Education	☐ 54	☐ 55	☐ 56
3. Security	☐ 57	☐ 58	☐ 59
4. Exhibition	☐ 60	☐ 61	☐ 62
5. Conservation/ Preservation	☐ 63	☐ 64	☐ 65
6. Other *(Specify)*	☐ 66	☐ 67	☐ 68
______________________			69-70

APPENDIX A(14)

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
NATIONAL CENTER FOR EDUCATION STATISTICS
WASHINGTON, D.C. 20202

FORM APPROVED
O.M.B. NO. 51-S79007

INSTRUCTIONS FOR COMPLETING MUSEUM PROGRAM SURVEY, 1979

GENERAL INSTRUCTIONS AND DEFINITIONS

A MUSEUM- for the purpose of this survey is an institution organized on a permanent basis for essentially educational or aesthetic purposes, which utilizes a staff, owns or uses tangible objects, whether animate or inanimate, cares for these objects and exhibits them to the public on a regular basis.

IDENTIFICATION NUMBER - The identification number appears on the mailing label. If the questionnaire becomes separated, enter the identification number at the top of each page.

NEED FOR ESTIMATES - Do not leave any items blank. Enter "0" if the appropriate entry for an item is zero or "none". Enter "N. app." if an item does not apply to your museum. If an exact figure is not available for a particular item, but it is known that the amount is greater than zero, ENTER AN ESTIMATE OF THE AMOUNT. Indicate that the figure is an estimate by parentheses. Estimates are important if exact data are not available.

REPORTING YEAR IS THE FISCAL YEAR ENDING PRIOR TO JANUARY 1, 1980.

SPECIFIC INSTRUCTIONS AND DEFINITIONS

PART 1. GOVERNING AUTHORITY AND PURPOSE

1. GOVERNING AUTHORITY (Question I.A.) Check the one that best describes the governing authority of your museum/institution. If none of the types of governing authority is applicable, please check "other" and specify your governing authority.

2. OPERATION AND OWNERSHIP OF FACILITIES (Question I.B.) Check "yes" only if facilities are either owned, operated, or both by someone other than the governing authority indicated in Question I.A.

   Facilities: for definition see instruction NO. 37.

3. BOARD OF TRUSTEES (Question I.C.) Check "yes", only if board has direct responsibility for institution's policy.

4. ACTIVITIES OF MUSEUM/INSTITUTION (Question I.D.) Rank current priority of activities in your institution by a scale ranging from 1 to 5, with number one designating highest priority.

PART II. COLLECTIONS AND EXHIBITIONS

5. INVENTORY OF COLLECTIONS AND EXHIBITIONS (Question II.A.) Check "yes", only if you have a listing, catalog, or inventory of essentially all your collections.

6. IMPORTANT TYPES OF COLLECTIONS (Question II.B.) Indicate the major types of objects which constitute an important part of your institution's collections and/or exhibitions. Depending on your holdings, it may be appropriate to check more than one type.

PART III. CONSERVATION/PROTECTION

7. FACILITIES FOR PRESERVATION, CONSERVATION, OR MAINTENANCE OF OBJECTS OR FOR THE PROTECTION OF ENDANGERED SPECIES. (Question III.A.) Question III A. If the answer to this question is "no", go on to Question III.B.

8. NEED FOR CONSERVATION, PRESERVATION, MAINTENANCE, OR PROTECTION (Question III.C.) Estimate the percentage of your collection which is in serious need of conservation, preservation, maintenance, or protection. Indicate area(s) where these collections need resources, i.e., staff funds, facilities, programs, or activities.

PART IV. EDUCATION AND PUBLIC PROGRAMS

9. TYPE OF PARTICIPANT IN THE ACTIVITY/PROGRAMS OF INSTITUTION (Question IV.A.) If the type of participant does not come under the given types of participants, please enter under "other" and specify the type. Also, if the activity/program is not listed, enter under "other Programs" and specify.

212

10. SPECIFIC PROGRAMS (Question IV.B.) This question requests information on specific, not the general program, and inquires as to the type of audience toward whom specific programs were provided. If the specific program was for an ethnic or racial group, indicate appropriate group on form.

PART V. ACCESSIBILITY AND ATTENDANCE

11. MEMBERSHIP PROGRAM (Question V.B.) Each family membership and each organizational membership should be counted as one member in this program. If your institution has other types of memberships, please specify under "other" and give fee.

12. ADMISSION FEES (Question V.C.) If your categories for admission fees are different or more extensive, please indicate under "other (specify)" and give fee.

13. ADMISSION POLICY FOR SPECIAL EXHIBITIONS (Question V.D.) If your institution has various policies for admission to special exhibition, indicate under "other arrangements" and specify.

14. TOTAL ATTENDANCE AND METHOD OF ACCOUNTING (Question V.E.) If exact total is not available, please estimate (indicating an estimate in parentheses).

15. TOTAL ATTENDANCE FOR PRECEDING FISCAL YEARS (Question V.F.) Report total attendance for fiscal year as follows:

For 1978 - fiscal year ending before January 1, 1979
For 1977 - Fiscal year ending before January 1, 1978
For 1976 - fiscal year ending before January 1, 1977
For 1975 - fiscal year ending before January 1, 1976

PART VI. PERSONNEL

AREA OF RESPONSIBILITY (Question VI.A.) For purposes of uniformity of data in this survey, the following definitions indicate which positions are under the designated "areas of responsibility" in Question VI.A. 1 - 14.

16. CURATORIAL responsibilities are those activities performed by a CURATOR REGISTRAR and a COLLECTIONS MANAGER.

The CURATOR is a specialist in the academic discipline relevant to the museum's collection. The curator is directly responsible for the care and academic interpretation of all objects, materials and specimens belonging or lent to the museum; recommendations for acquisition, deaccession, attribution and authentication; and research on the collections and the publication of the results of that research. The curator also may have administrative and/or exhibition responsibilities and should be sensitive to sound conservation practices.

The REGISTRAR is responsible for creating, organizing and maintaining orderly forms, legal documents, files and retrieval systems associated with the following: acquisitions, accessioning, cataloging, loans, packing, shipping, inventory, insurance and storage, pursuant to the care, custody and control of the objects in perpetuity. A registrar organizes, documents and coordinates all aspects of borrowing and lending objects, which includes responsibility for the handling and/or packing of objects, negotiating insurance coverage, processing insurance claims, making shipping arrangements, arranging for security, handling customs procedures, processing incoming and outgoing loans, and processing requests for rights and reproductions. The registrar organizes data so that facts and ideas may be usefully extracted.

The COLLECTIONS MANAGERS is responsible for supervising, numbering, cataloging and storing the specimens within each department or division, and may perform the combined functions of registrar and curatorial assistant.

17. EXHIBITS responsibilities are those activities performed by an EXHIBITS DESIGNER.

The EXHIBITS DESIGNER translates curatorial and educational staff ideas into permanent, temporary or circulating exhibitions. The designer is responsible for the esthetic planning and design of exhibitions through renderings, drawings, scale models, lighting and arrangements of objects and signage. The exhibits designer may supervise the production of exhibitions and have administrative responsibilities.

18. CONSERVATION responsibilities are those activities performed by a CONSERVATOR.

The CONSERVATOR, on a scientific basis, examines museum objects, works to prevent their deterioration, and treats and repairs them when necessary. The conservator sees that objects are fumigated, kept at proper levels of temperature and relative humidity, and protected from air pollutants and exposure to damaging light intensities and wave lengths. The conservator will usually have the specialized knowledge to treat a certain class of objects such as paintings, sculpture, textiles, ceramics, glass, metals, furniture and woodwork, books and art on paper; and should know where to refer materials that cannot be treated in the museum laboratory. In order to keep his knowledge current, the conservator may belong to a professional conservation organization which expects adherence to a code of ethnics.

19. EDUCATION responsibilities are those activities performed by an EDUCATOR.

The EDUCATOR develops, implements, evaluates and/or supervises the museum's education programs with the goal of facilitating public access to and understanding and interpretation of the collections and resources. The programs, which may employ a variety of media and techniques, may encompass educational exhibitions, printed materials such as self-guides, demonstrations, classes, tours, films, lectures, special events, workshops, teacher training programs, school or other outreach programs as well as docent/guide training. The educator may have administrative responsibilities.

20. DEVELOPMENT responsibilities are those activities performed by an DEVELOPMENT OFFICER.

The DEVELOPMENT OFFICER coordinates the fund-raising activities of the museum. These may include funding for capital outlay, purchase and operating endowments; memberships drives; proposals to government, corporations and private foundations; and the planning and supervision of special fund-raising events.

21. MEMBERSHIP responsibilities are those activities performed by a MEMBERSHIP OFFICER.

The MEMBERSHIP OFFICER works closely with the development officer and the museum educator to attract and retain the interests of a broad museum public. Responsibilities include recruitment and planning, promoting and supervising special events and educational programs such as classes, films, workshops, lectures and openings as benefits to the membership of the museum. The membership officer may have administrative responsibilities including maintenance of membership files and records.

22. PUBLIC INFORMATION responsibilities are those activities performed by a PUBLIC RELATIONS OFFICER, EDITOR and PHOTOGRAPHER.

The PUBLIC RELATIONS officer is concerned with the public image of the museum and is responsible for press relations with newspapers, radio, television and other media and for museum promotional projects such as special events and special publications. The public relations officer's function is to establish useful relationships between a museum's substance and goals and the perceived needs and interests of its various publics. The public relations officer establishes community relations for the museum and monitors specific interests and issues so a museum can participate in the development of issues affecting it.

The EDITOR'S primary responsibility is the supervision of the printed material produced by the institution. The editor reads and, if necessary, corrects, rewrites or revises such material to insure that it is presented in clear terminology, precise language and proper grammatical and stylistic form. The editor works with the graphic designer to project the museum's desired image, and may supervise all the mechanical processes of production, from submission of manuscript to the printer to binding of the final product. An editor may have an academic background related to the primary subject area of the institution.

The PHOTOGRAPHER produces documentary prints of objects and details of objects on loan or in the collection for the registrar's records, for curatorial research and publication, for educational (interpretive) materials, for public information, and for promotional literature or uses. The photographer may be required to make use of specialized techniques and may be responsible for photographic files.

23. LIBRARY responsibilities.

The LIBRARIAN administers the museum library and performs services such as selection, acquisition, cataloging, classification, circulation and maintenance of library materials; and furnishing reference, bibliographical and reader's advisory services. The librarian may have special responsibilities such as slides or graphics collections.

24. GENERAL responsibilities.

The GENERALIST commands a wide variety of museum skills to fulfill combined areas of responsibility in accordance with the museum's resources and collections.

25. GENERAL ADMINISTRATION responsibilities are those activities performed by a DIRECTOR, ASSISTANT DIRECTOR, or BUSINESS MANAGER.

The DIRECTOR provides conceptual leadership through specialized knowledge of the discipline of the museum, and is responsible for policymaking and funding (with the governing board), planning, organizing, staffing, directing and/or supervising and coordinating activities through the staff. The director is responsible for professional practices such as acquisition, preservation, research, interpretation and presentation, and may be responsible for financial management. The following positions report directly or indirectly to the DIRECTOR:

The ASSISTANT DIRECTOR assists the Director in the overall management of the organization as defined above.

The BUSINESS MANAGER is responsible for financial management, which may include budget, accounting, purchasing, personnel procedures, salary and fringe benefits, insurance, operation of physical plant, security, contracts, taxes, membership, endowment and fund-raising records. May be responsible for revenue-producing activities such as sales shops and food services.

26. SECURITY responsibilities are those activities performed by a GUARD, floorman, patrolman, special police, and watchman.

The SECURITY PERSON stands guard or walks about premises to prevent theft, violence, or infractions of the rules, directs patrons, answers questions relative to service of the establishment. Patrols assigned areas, warns violators of such things as smoking or carrying forbidden articles, expels miscreants. May collect tickets or examine credentials. In museums, also, provides protection to paintings or exhibits from fires, theft or damage.

27. BUILDING AND MAINTENANCE responsibilities are those activities performed by a SUPERINTENDENT and his staff.

The SUPERINTENDENT is in charge of the museum buildings and grounds, their security, cleanliness, safety and maintenance. The superintendent may oversee the mechanical and electrical equipment, undertake repairs, and supervise security staff, custodians, groundskeepers, engineers and workshop personnel.

28. REGULAR STAFF RANGES (Question VI.B.) Indicate the number of regular full-time staff by their area of responsibility in the appropriate salary range. Total should not exceed total in VI A 1-14 column "Regular Staff Full-Time".

29. PROFESSIONAL STAFF. For purposes of this survey, the professional staff of an institution, whether paid or unpaid, devote their time primarily to the acquisition, care, or exhibition to the public of objects owned by the institution.

PART VII. FINANCE AND BUDGET

30. TOTAL OPERATION INCOME BY SOURCE (Question VII.A.) Indicate total federal grant monies for the last complete fiscal year ending prior to January 1, 1980. In VII.A.1 a - g indicate increments of total amount (VII A.1) by federal agency issuing grant.

31. STATE, LOCAL AND SPECIAL CONTRIBUTORS (Questions VII.A. 2, 3, 4, 5, 6, and 7) Indicate contributions which do not specifically fit under 2, 3, 4, 5, and 6, under "other (specify)".

32. EARNED INCOME (Question VII. A.8. a - i) Indicate total amount for VII A.8 and break into individual components in a - i.

33. TOTAL CASH OPERATING INCOME (Question VII.A.9) This total consists of VII.A. 1, 2, 3, 4, 5, 6, 7, and 8 given above.

34. ENDOWMENT FUNDS (Question VII.B.) For purposes of this survey, endowment funds are those funds given to the museum/institution with the restriction that such assets remain intact for a stated period of time or until the happening of a particular event.

35. EXPENDITURES (Question VII.C, D, E, and F.) Total Capital expenditures (C) includes funds for major equipment, capital improvement, vehicles, and major acquisitions for the permanent collection.

Total Operating Expenditures (D) includes all direct expenditures which are an integral part of the institution's operation. Excluded are those things reported in VII.C and in-kind goods and services, overhead, maintenance provided by another or parent organization, and CETA and other paid personnel not part of institution's direct expenditures.

CONTRIBUTED VOLUNTEER SERVICES AND CONTRIBUTED GOODS and OTHER SERVICES (Question VII.E and F.) Estimates the dollar value of these services and goods.

PERCENTAGE OF OPERATING EXPENDITURES USED FOR EACH AREA OF RESPONSIBILITY (Question VII.G.) Estimate the percentage of the total operating expenditures for each of the museum/institution areas of responsibility. The percentage must total 100%.

PART VIII. SECURITY

36. ALARM SYSTEM (Question VIII, A-D.) Local authorities denotes law enforcement agencies or alarm system agency.

PART IX. FACILITIES

37. FACILITIES (Questions IX.A - G.) For purposes of this survey, facilities denote the physical plant used, maintained and operated by your institution for the furtherance of the institution's mission. It consists of the sum of all areas on all floors of building(s) that have been assigned to or are used for museum functions or purposes. It includes space for visitors, exhibit cases, displays, storage facilities, etc. Outside areas are to be measured, in acres, indoor area in square feet. If all space is not utilized, indicate in appropriate box the percentage of the utilized space.

38. IN-HOUSE AND CONTRACTUAL OPERATIONS (Question IX.C.) In-house operations are those managed by the regular museum staff and responsible to the director of the institution; operations handled by contract or similar arrangement are to be indicated.

39. FACILITIES FOR HANDICAPPED PERSONS (Question IX.D-F.) For the purpose of this survey the term physically handicapped relates only to mobility impaired persons who are defined as any person who must use a standard manual or electric wheelchair or other assistive device to move from place to place, or any person who otherwise finds stairs and other similar physical features impediments to movement.

40. LIBRARY (Question IX.G.) A LIBRARY is an organized collection of published and other materials with a staff trained to provide and interpret such materials as required to meet the informational, educational and/or recreational needs of the clientele; also its physical facilities. Libraries contain various types of materials. The questions relate to the three different kinds of materials which are defined below:

AUDIO-VISUAL MATERIALS. Nonbook library materials, such as recordings, transparencies, tapes, slides, films, and filmstrips, which require the use of special equipment in order to be seen or heard.

BOOKS are units of publication, either bibliographically independent or volumes in a series published under the same title, consisting of leaves, sheets, or signatures sewn or otherwise bound together, covered or uncovered. Bound volumes of periodicals and newspapers are not considered books.

PERIODICALS are serial publications which constitute one issue in a continuous series under the same title, usually published at regular intervals over an indefinite period, individual issues in the series being numbered consecutively or each issue being dated.

1978 MUSEUM UNIVERSE SURVEY

APPENDIX A(19)

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
INSTITUTE OF MUSEUM SERVICES
WASHINGTON, D.C. 20202

Dear Colleague:

The National Center for Education Statistics (NCES) is conducting a survey of Museums and Related Institutions to develop a listing for the Institute of Museum Services (IMS), which will use this information in its grants programs and other types of assistance. Additionally, summary data will be made available in a separate publication. If your institution responds, a complimentary copy will be sent to you.

This is the first time a complete survey of the entire museum universe has been attempted. Your cooperation in providing the requested information will enable NCES to provide IMS with complete and up-to-date data for use in the development and administration of the museum program. It also will provide, for the first time, a comprehensive base of information for the profession, local, state, and federal governments, and the public.

A museum, for the purposes of this survey is defined as, an institution organized on a permanent basis for essentially educational or aesthetic purposes, which, utilizing a staff, owns or uses tangible objects, whether animate or inanimate, cares for these objects and exhibits them to the public on a regular basis.

If there are any questions regarding the form or content of this survey, please direct them to Nicholas Osso, NCES Project Officer (202) 245-8638. Please return, as soon as possible, your completed form in the enclosed self-addressed envelope.

Your prompt response will assist us in making this universe survey a success. Your cooperation will be greatly appreciated.

Marie D. Eldridge
Marie D. Eldridge
Administrator
National Center for Education
Statistics

Lee Kimche
Lee Kimche
Director
Institute of Museum
Services

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
EDUCATION DIVISION
NATIONAL CENTER FOR EDUCATION STATISTICS
WASHINGTON, D.C. 20202

APPENDIX A(20)
OMB NO. 051-S78024
APPROVAL EXPIRES: 12-79
Due Date
January 5, 1979

UNIVERSE QUESTIONNAIRE FOR MUSEUMS AND RELATED INSTITUTIONS

NAME AND MAILING ADDRESS OF MUSEUM COVERED BY THIS REPORT (Include city, State, and ZIP code)

USE TO CORRECT MAILING LABEL INFORMATION ONLY

NAME OF INSTITUTION

STREET

CITY STATE ZIP

PERSON IN CHARGE OF MUSEUM

NAME

MUSEUM TELEPHONE

AREA CODE NUMBER EXTENSION

A MUSEUM - is an institution organized on a permanent basis for essentially educational or aesthetic purposes, which, utilizing a staff, owns or uses tangible objects, whether animate or inanimate, cares for these objects and exhibits them to the public on a regular basis.

Reporting Year is the fiscal year ending prior to July 1, 1978

1. CONTROL OF INSTITUTION

PUBLIC: (check one)

a___ Federal
b___ State
c___ Municipal
d___ County
e___ College/University
f___ Other (specify)

PRIVATE: (check one)

g___ Profit
If profit is checked, stop here and return form in enclosed envelope.
h___ Nonprofit
(under 501(c)(3), Internal Revenue Code) IRS Tax Exempt Number: ______________

2. TYPE OF INSTITUTION

Refer to the "Code List of Institutions by Type" for the appropriate letter and number which most nearly describes your institution's primary activity.

Letter___ Number___ If appropriate type does not appear on the code list, check here___ and describe______________

3.

_____ year chartered

4. NUMBER OF EMPLOYEES

Employees who devote their time primarily to the acquisition, care, or exhibition to the public objects owned or used by the institution.

__________ number paid __________ number unpaid

5. WEEKS OPEN PER YEAR

_____ Number of weeks per year open to the public

6. ANNUAL ATTENDANCE

____ Number of visitors during reporting year
Check here if this number is an estimate

7. CURRENT OPERATING EXPENDITURES DURING THE REPORTING YEAR

$_______ Total, all functions
$_______ Museum function only

Current Operating Expenditures - include total charges incurred, whether paid or unpaid. Exclude capital outlay, debt service or acquisitions.

THANKS FOR YOUR COOPERATION.

Please return completed form in enclosed return addressed envelope.

NCES-2421

LETTER AND NUMBER
CODE LIST OF INSTITUTIONS BY TYPE

A. ART

1. Art Associations, Councils and Commissions, Foundations and Institutes
2. Art Association Galleries
3. Art Museums and Galleries
4. Arts and Crafts and Museums
5. China, Glass and Silver Museums
6. Civil Art and Cultural Centers
7. Decorative Arts Museums
8. Folk Art Museums
9. Textile Museums

B. CHILDREN'S AND JUNIOR MUSEUMS

C. GENERAL MUSEUMS

D. HISTORY

1. Historic Agencies, Councils, Commissions, Foundations, and Research Institutes
2. Historic Houses and Historic Buildings
3. Historic Sites
4. Historical and Preservation Societies
5. Historical Society Museums
6. History Museums
7. Maritime and Naval Museums and Historic Ships
8. Military Museums
9. Preservation Projects

E. PARK MUSEUMS AND VISITOR CENTERS

F. SCIENCE

1. Academies, Associations, Institutes and Foundations
2. Aeronautics and Space Museums
3. Agriculture
4. Anthropology, Ethnology and Indian Museums
5. Aquariums, Marine Museums and Oceanariums
6. Arboretums
7. Archaeology Museums and Archaeological Sites
8. Aviaries and Ornithology Museums
9. Botanical Conservatories, and Horticultural Societies
10. Entomology Museums and Insect Collections
11. Geology, Mineralogy and Paleontology Museums
12. Herbariums
13. Herpetology Museums
14. Industrial Museums
15. Medical, Dental, Health, Pharmacology, Apothecary and Psychiatry Museums
16. Natural History and Natural Science Museums
17. Nature Centers
18. Planetariums, Observatories, and Astronomy Museums
19. Science Museums (General Science, Physical Science, Science,-Technology Center)
20. Wildlife Refuges and Bird Sanctuaries
21. Zoology Museums, Zoos, Children's Zoos

G. SPECIALIZED

1. Antiques Museums
2. Architecture Museums
3. Audio-Visual and Film Museums
4. Circus Museums
5. Communications Museums
6. Costume Museums
7. Crime Museums
8. Forestry Museums
9. Furniture Museums
10. Gun Museums
11. Hobby Museums
12. Horological Museums
13. Money and Numismatics Museums
14. Musical Instruments Museums
15. Outdoor Museums
16. Philatelic Museums
17. Religious Museums
18. Theater Museums
19. Toy and Doll Museums
20. Transportation Museums
21. Wax Museums

Source:

American Association of Museums
Membership Directory

GPO 938-211

APPENDIX B

MUSEUMS AND PROFESSIONALS INVOLVED IN THE DEVELOPMENT OF THE SURVEY INSTRUMENT

The survey instrument contained in Appendix A was developed through consultation with a review panel of museum professionals, a survey pretest, and an informal tryout through consultation.

1. REVIEW PANEL

Members of the review panel included:

- Jane Glaser--Office of Museum Programs, Smithsonian Institution
- Ellen Hicks--Editor, Museum News
- Jane Horsley--General Curator, National Zoo
- Tom Litkowsky--Research Specialist, National Endowment for the Arts
- Jemiso Martin--Director, African-American Museums Association
- Robert Peck--Special Assistant, Federal Council on the Arts and Humanities
- Paul Perrot--Assistant Secretary for Museum Programs, Smithsonian Institution

Several consultations were held with the review panel before and after the pretest.

2. PRETEST

The draft survey instrument was pretested by NCES in the following nine museums:

- The John Young Museum and Planetarium, Orlando, Florida
- The Museum of Natural History, Eugene, Oregon
- The Pawtucket Children's Museum, Pawtucket, Rhode Island
- The Indiana State Museum, Indianapolis, Indiana
- The Cleveland Museum of Natural History, Cleveland, Ohio
- The Morris Arboretum, Philadelphia, Pennsylvania
- The Exploratorium, San Francisco, California
- The Topeka Zoological Park, Topeka, Kansas
- Carson County Square House Museum, Panhandle, Texas

All but one respondent agreed that the information sought was within easy access of the chief executive of the institution. The one exception was that the respondent had to obtain the financial information from the accountant's office. Depending on the museum size, the estimated time for completion ranged from approximately one hour to four and one-half hours. Although the response time was lengthy, none of the respondents objected. Instead, these respondents suggested the addition of more data cells.

3. INFORMAL TRYOUT THROUGH CONSULTATION

To comply with a request of the NCES Clearance Officer, an informal tryout through consultation of the draft Museum Program Survey instrument was conducted during July 1979.

The consultation was conducted as follows:

- A consultant interviewed 13 museum administrators,* including:
    - Bonnie Baskin--Lawrence Hall of Science
    - Michal Botwinick--The Brooklyn Museum
    - Lorenz Eitner--Stanford Art Galley and Stanford Art Museum
    - Pam Johnson--American Association of Museums
    - Wilson Jones--San Francisco Botanical Conservatory
    - Saul Kitchner--San Francisco Zoo
    - Thomas Litkowski--National Endowment for the Arts
    - Laurence Morrison--Old Sturbridge Village
    - Frank Oppenheimer--Exploratorium
    - Robert Ornduff--Berkeley Botanical Gardens
    - Martin Sullivan--National Endowment for the Humanities
    - George Tressel--National Science Foundation
    - Steve Weil--Hirshorn Museum
- In addition, R. Beazley consulted with five museums in Columbus, Ohio; F. Schick consulted with two musems in Dallas, Texas; and the ten OE Regional Offices consulted with 67 museums in ten states.

4. SUMMARY

(1) The consultation resulted in an approximate one-third change of the survey form.

(2) A substantial contribution was made by the ten OE/Regional Offices in conducting 67 of the 87 interviews.

(3) The recommendations made through these "informal tryouts through consultations" were approved by the OMB Clearance Officers.

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* Russ-Eft, Darlene. Formative Evaluations of the 1979 Museum Survey Form, Statistical Analysis Group in Education - American Institutes for Research, Palo Alto, California, 1979.

APPENDIX C

SAMPLING VARIANCES

The Museum Program Survey 1979 contained almost 600 data items, which were grouped into nine general categories based on item content and/or response type. Variance estimates of means and totals were computed for selected items in each group by type of museum and for all museums. Coefficients of variation of the total were computed for each item selected (see Exhibit C-1). In an attempt to develop generalized variance functions, scattergrams and related regression analyses were computed between means (X) and relvariances (V^2) within each group. If a regression analysis function could be found that provided a good fit to the data, then one could predict relvariances of similar survey items based on their survey estimates, the result being a model for generalizing variances. Examination of the scattergrams and regression analyses showed three groups of items well fit by a power function model ($\log V^2 = a + b \log x$).[1/] The groups fit were Group I, types of objects in collection (Part II of the survey form; n=10); Group II, educational activities or general program events (Part IV.A. of the survey form; n=10); and Group IX, selected categorical items (Parts I.A.; III.C.; IV.C.-H.; V.D., E.; VIII.A., B., D.; IX.A., D., E., G. of the survey form; n=9). An R_2 of .836, .914, and .882 resulted for Group I, Group II, and Group IX, respectively. The function plotted on each graph (see Exhibits C-2, C-3, and C-4) allows estimation of the relvariance within the specified group of survey items. Locate the mean on the X-axis, find the corresponding point on the function, and read the predicted relvariance[2/] corresponding to this point on the Y-axis. Other groups of items were poorly fit by the model and variances could not be generalized.

A detailed discussion of the methodology for estimating sampling variances is provided in the Technical Methodology And Evaluation Report, a companion to this report.

[1/] Other models typically used were investigated, e.g., $V^2 = a + b/x$; however, the power function model provided the best fit.

[2/] The coefficient of variance can be found by taking the square root of the relvariance.

EXHIBIT C-1(1)

National Center for Education Statistics

COEFFICIENT OF VARIATION OF THE TOTAL[1/]

Survey Item Number	Item	TYPE OF MUSEUM							
		All	Art	Children's	General	History	Parks and Visitor Centers	Science	Specialized
I.A.	Ownership by a Private School	.7746	.7746	.0000	.0000	.0000	.0000	.0000	.0000
II.B.1	Numerical Importance of Decorative Arts	.0571	.0748	.2770	.0840	.0895	.3264	.2917	.1374
II.B.1	Numerical Importance of Fine Arts	.0467	.0309	.2778	.0376	.1064	.2639	.2572	.0544
II.B.3.	Numerical Importance of Archaeol.Objects	.0837	.4211	.3096	.0619	.1613	.1933	.1119	.3390
II.B.3.	Numerical Importance of Agricultural Objects	.0787	.3907	.2412	.1329	.2033	.1954	.0928	.0993
II.B.3.	Numerical Importance of General Science Objects	.1246	.5533	.1566	.1626	.4685	.5788	.1378	.0000
II.B.3.	Numerical Importance of Other Science Objects	.3004	.0000	.5774	.0000	.0000	.0000	.4098	.0000
II.B.4.	Numerical Importance of Guns	.0998	.1418	.0000	.0881	.1347	.3093	.4417	.3019
II.B.4.	Numerical Importance of Clocks	.1949	.3513	.0000	.2032	.3374	.0000	.3282	.0000
II.B.4.	Numerical Importance of Money Objects	.1395	.2355	.7071	.1472	.2249	.9045	.4130	.0926
II.B.4.	Numerical Importance of Musical Objects	.1221	.1514	.1660	.0733	.1686	.0000	.5581	.3224
III.C.	Percent of Collection in Need of Upkeep: Less than 5 Percent	.0486	.1020	.1262	.0619	.0858	.1218	.1065	.1864
III.C.	Percent of Collection in Need of Upkeep: 5 Percent - 14 Percent	.0630	.1510	.0000	.0737	.1069	.2304	.1328	.2261
IV.A.1.	Tours--Elementary Students	.0149	.0231	.0795	.0254	.0245	.0957	.0350	.0270
IV.A.1	Tours--College Students	.0318	.0379	.1388	.0518	.0622	.1403	.0557	.0931
IV.A.1	Tours--Others	.0981	.1655	.1549	.0958	.2037	.2575	.1031	.0906
IV.A.2.	Demos.--Elementary Students	.0492	.0771	.0963	.0453	.1110	.1299	.0775	.0798
IV.A.2	Demos.--Other Participants	.1072	.2361	.2995	.1325	.2822	.2546	.1585	.1164
IV.A.3.	Lectures--Other Participants	.1334	.1566	.3344	.1370	.2950	.3824	.1711	.1282
IV.A.4.	Classes--Secondary Students	.0502	.0655	.1378	.0996	.1561	.2116	.0946	.0649
IV.A.5.	Performing Arts--General Public	.0545	.0517	.0698	.0970	.1341	.2576	.1514	.1215
IV.A.6	Films--Elementary Students	.0597	.0994	.1067	.0527	.1392	.1609	.0985	.0588
IV.A.8.	Other Programs--College Students	.1612	.2014	.0000	.0714	.3400	.4602	.2102	.6928
IV.C.	Programs for American Indians	.1214	.1456	.0000	.1122	.2527	.4591	.2534	.4872
IV.H.	Assessment of Exhibitions	.0427	.0540	.0924	.0493	.0977	.1231	.0550	.0608
V.B.1.	Number of Members	.9570	.2881	.0619	.0231	.9573	.0468	.0258	.0050
V.D.	Special Exhibits Admission Policy	.1721	.5533	.5774	.7071	.2722	.0000	.2881	.0000
V.E.	Total Attendance--1979	.0301	.0278	.0386	.0565	.0824	.1673	.0461	.0346
V.E.1.	Estimated Total Attendance?	.0293	.0423	.1152	.0452	.0502	.0944	.0619	.0786
V.F.	Total Attendance--1978	.0377	.0286	.0376	.0583	.0881	.1181	.0660	.0393
V.F.	Total Attendance--1977	.0387	.0332	.0333	.0578	.0950	.1356	.0617	.0376
V.F.	Total Attendance--1976	.0439	.0349	.0341	.0576	.0971	.1357	.0762	.0371
V.F.	Total Attendance--1975	.0433	.0344	.0414	.0635	.1112	.1236	.0690	.0404

1/ Coefficient of Variation of the Total = Coefficient of Variation of the Mean =(Variance of the Total/Total^2)$^{1/2}$

EXHIBIT C-1(2)

Survey Item Number	Item	TYPE OF MUSEUM							
		All	Art	Children's	General	History	Parks and Visitor Centers	Science	Specialized
VI.A.1.	Full-Time Curatorial Staff-Reg.	.0197	.0187	.0729	.0273	.0663	.1233	.0374	.0275
VI.A.1.	Full-Time Curatorial Staff-Temp.	.2305	.0677	.0000	.0523	.2985	.2268	.5572	.0000
VI.A.1	Part-Time Curatorial Staff--V/Tr.	.1195	.0788	.0605	.0998	.2335	.7023	.2228	.0465
VI.A.1.	Full-Time Curatorial Staff--CETA	.1034	.1639	.3028	.2773	.1723	.0000	.1495	.3062
VI.A.2.	Part-Time Exhibits Staff--CETA	.2031	.0000	.0000	.1563	.6573	.0000	.1916	.0000
VI.A.3.	Full-Time Conservation Staff--Reg.	.0322	.0529	.2224	.0400	.1415	.0000	.0393	.1091
VI.A.3.	Full-Time Conservation Staff--Temp.	.1152	.1308	.0000	.1361	.1777	.0000	.2039	.0000
VI.A.3.	Part-Time Conservation Staff--Temp.	.2628	.1934	.4330	.0517	.6437	.4714	.3725	.0000
VI.A.5.	Part-Time Development Staff--Reg.	.0927	.1629	.3811	.2545	.3567	.0000	.1515	.0000
VI.A.5.	Part-Time Development Staff--V/Tr.	.3426	.4924	.4303	.0453	.6808	.0000	.1714	.0702
VI.A.5.	Part-Time Development Staff--CETA	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
VI.A.6.	Part-Time Membership Staff--Temp.	.1663	.2574	.0000	.0000	.9129	.0000	.0617	.0000
VI.A.6.	Part-Time Membership Staff--V/Tr.	.0688	.0955	.3657	.2832	.1832	.0000	.0568	.1218
VI.A.6.	Part-Time Membership Staff--CETA	.2412	.0000	.0000	.0000	.0000	.0000	.0000	.3464
VI.A.9.	Part-Time Generalist Staff--CETA	.2616	.3369	.0000	.3877	.4896	.0000	.7230	.5774
VI.A.10.	Part-Time General Admin. Staff--V/Tr.	.1613	.1756	.0994	.0523	.3607	.6756	.1517	.1166
VI.A.12.	Part-Time Bldg. and Maint. Staff--Reg.	.0557	.1495	.2551	.1243	.0984	.2903	.0988	.1028
VI.A.14.	All Full-Time Regular Staff	.0181	.0555	.0509	.0115	.0369	.0608	.0168	.0136
VI.A.14.	All Full-Time Volunteer Staff	.1622	.1997	.4698	.0601	.3067	.0000	.2277	.1635
VI.B.1.	Curatorial Salary: $5,000 - $9,999	.0558	.0585	.2932	.0966	.1371	.4714	.0770	.0823
VI.B.1.	Curatorial Salary: $15,000 - $19,999	.0263	.0269	.1816	.0219	.1206	.2278	.0430	.0528
VI.B.1.	Curatorial Salary: Over $30,000	.0298	.0307	.0000	.0313	.0000	.0000	.0503	.0000
VI.B.2.	Exhibition Salary: Under $4,999	.2194	.7071	.0000	.5774	.0000	.0000	.0000	.0000
VI.B.3.	Conservation Salary: Under $4,999	.4025	.0000	.0000	.0000	.5061	.0000	.0000	.0000
VI.B.3.	Conservation Salary: $5,000 - $9,999	.1050	.0597	.3613	.1896	.3413	.0000	.1274	.0000
VI.B.3.	Conservation Salary: Over $30,000	.0480	.0736	.0000	.0000	.0000	.0000	.0000	.0000
VI.B.4.	Education Salary: Over $30,000	.0840	.0000	.0000	.0000	.0000	.0000	.1259	.0000
VI.B.5.	Development Salary: $10,000 - $14,999	.0581	.0831	.2353	.1316	.1224	.0000	.1178	.0000
VI.B.6.	Membership Salary: $20,000 - $29,999	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
VI.B.7.	Public Information Salary: Over $30,000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
VI.B.8.	Library Salary: $20,000 - $29,999	.1904	.3657	.0000	.0000	.1541	.0000	.3183	.0000
VI.B.11.	Security Salary: $15,000 - $19,999	.0224	.0485	.0000	.0000	.1310	.0000	.0000	.0000
VI.B.12.	Bldg. and Maint. Salary: $10,000 - $14,999	.0328	.1087	.0000	.0177	.0692	.1381	.0255	.0183
VI.B.14.	All Full-Time Salaries: Under $4,999	.1009	.1378	.0000	.1962	.1603	.6573	.2031	.2372
VII.A.1.g.	Other Federal Grants	.0700	.0521	.0704	.0673	.1818	.1068	.0549	.0824
VII.A.8.	Earned Income--Total	.0198	.0138	.0307	.0084	.0456	.2890	.0465	.0263
VII.A.8.b.	Earned Income--Tuition	.0221	.0256	.0322	.0327	.0857	.0366	.0692	.0236
VII.A.8.c.	Earned Income--Membership Dues	.0213	.0223	.0673	.0159	.1082	.0410	.0350	.0077
VII.A.8.f.	Earned Income--Food Service (Net)	.0215	.0077	.0000	.0467	.0592	.0309	.0302	.0291

1/ Coefficient of Variation of the Total = Coefficient of Variation of the Mean= (Variance of the Total/Total^2)$^{1/2}$

EXHIBIT C-1(3)

Survey Item Number	Item	TYPE OF MUSEUM							
		All	Art	Children's	General	History	Parks and Visitor Centers	Science	Specialized
VII.A.8.h.	Earned Income--Auxiliary Services	.0782	.0403	.0000	.0202	.1023	.8222	.0155	.0073
VII.C.	Total Capital Expenditures	.0412	.0300	.0283	.0265	.0775	.1288	.1091	.0283
VII.D.	Total Operating Expenditures	.0160	.0318	.0484	.0237	.0412	.1954	.0225	.0098
VII.D.1.	Payroll and Related Expenditures	.0174	.0441	.0371	.0127	.0417	.0755	.0245	.0117
VII.G.2.	Operating Expenditures: Percent for Exhibits	.0452	.0952	.0369	.0410	.0688	.3569	.1260	.0548
VII.G.8.	Operating Expenditures: Percent for Advertising	.0679	.0781	.3651	.2441	.1272	.0588	.1545	.0468
VII.G.9.	Operating Expenditures: Percent for Security	.0718	.1227	.2205	.1243	.1157	.4195	.2928	.0633
IX.A.	Maintains Auditorium/Theatre	.0638	.0519	.0605	.0666	.1533	.0881	.0860	.0799
IX.C.3.	Book Shop: In-House Operation	.0338	.0467	.0586	.0572	.0631	.0809	.0550	.0593
IX.C.3.	Book Shop: Contracted Out	.1436	.3510	.0000	.1242	.2823	.1881	.2228	.2211
IX.C.4.	Conference Facilities: Contracted Out	.4099	.0000	.0000	.0000	.0000	.0000	.6821	.5774
IX.D.	Handicap Facilities	.0363	.0501	.0287	.0497	.0811	.0675	.0603	.0215

1/ Coefficient of Variation of the Total = Coefficient of Variation of the Mean= $(\text{Variance of the Total}/\text{Total}^2)^{\frac{1}{2}}$

EXHIBIT C-2

National Center for Education Statistics

GENERALIZED VARIANCE FUNCTION FOR
GROUP I ITEMS

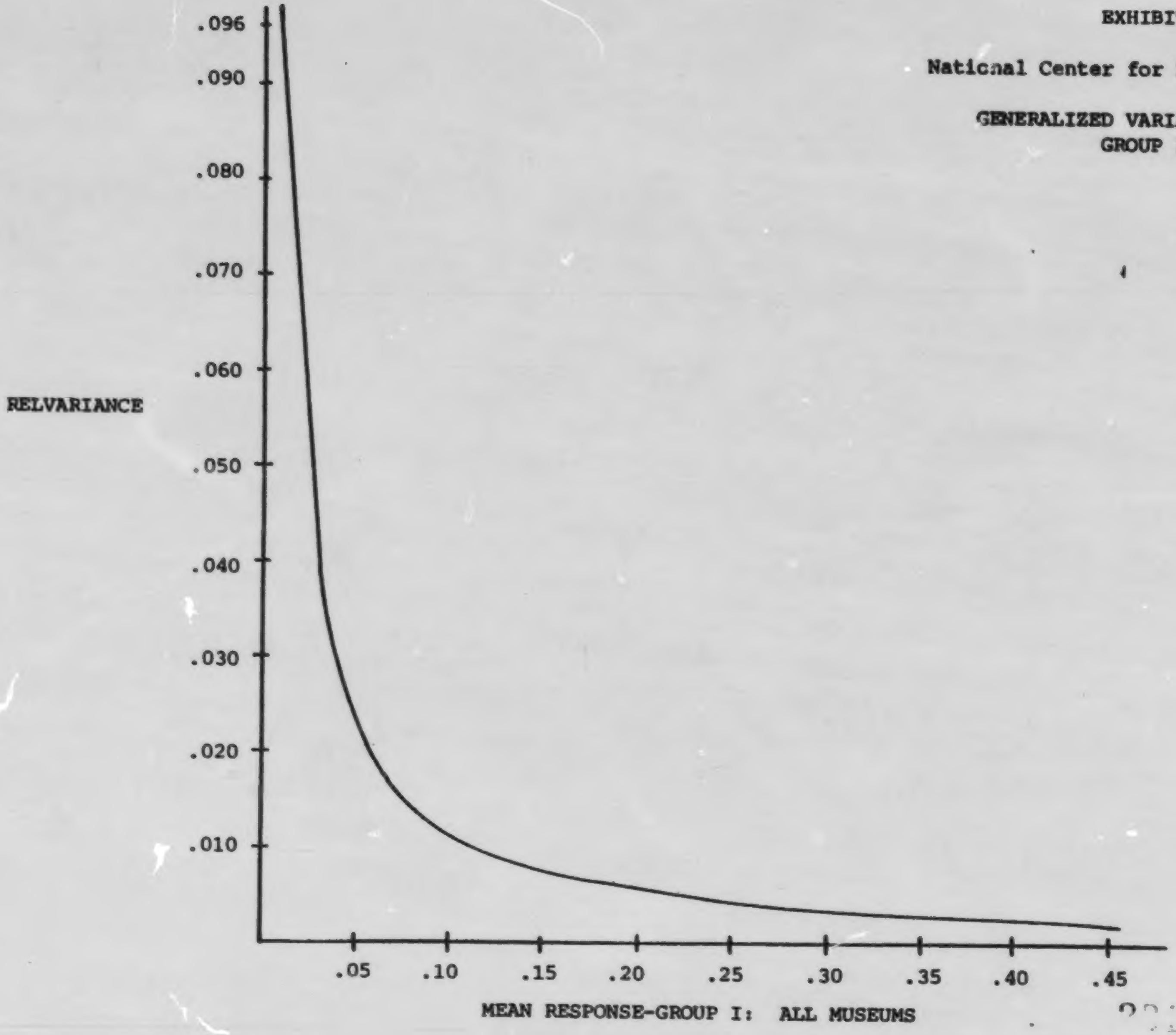
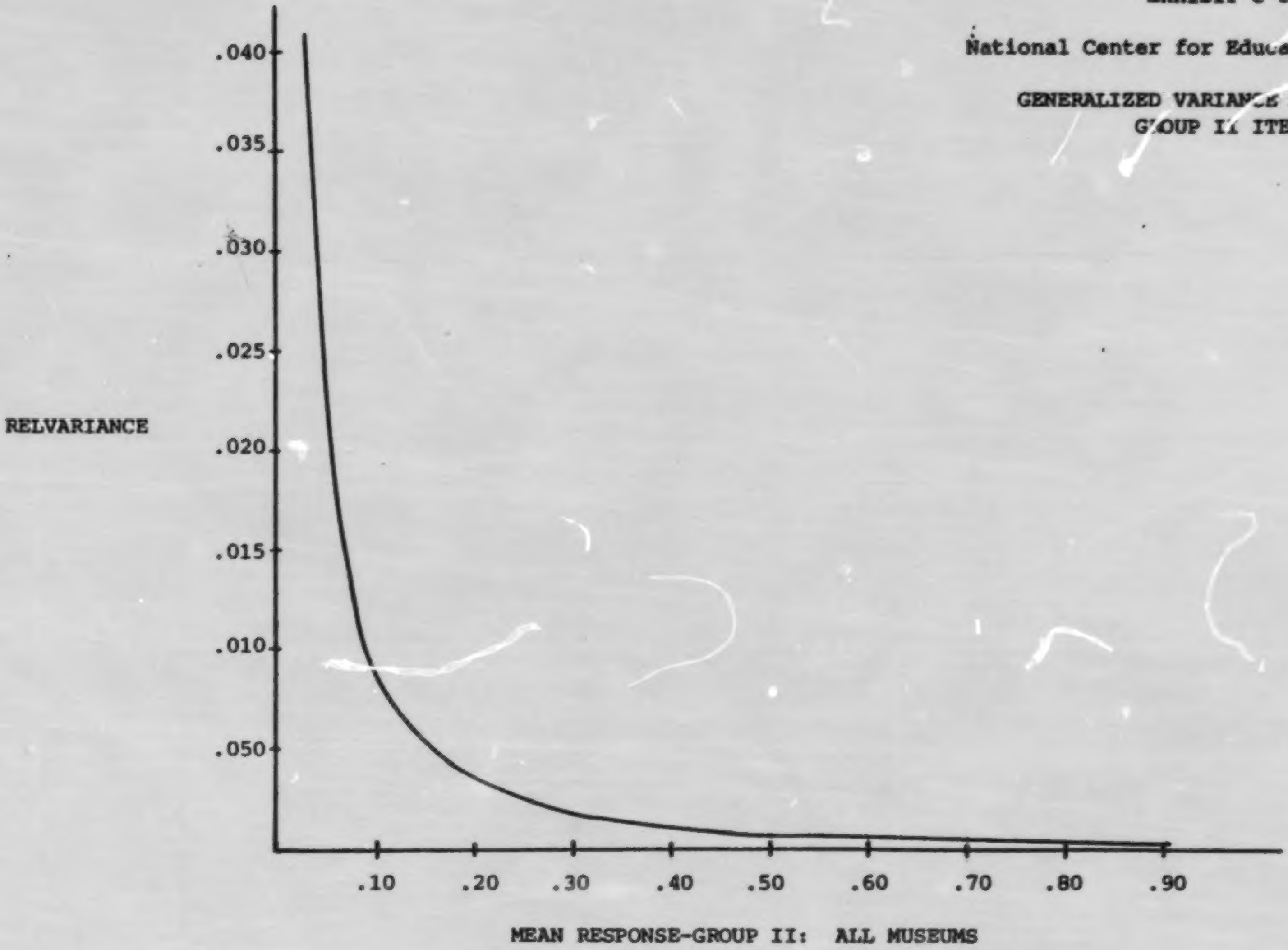


EXHIBIT C-3

National Center for Education Statistics

GENERALIZED VARIANCE FUNCTION FOR
GROUP II ITEMS



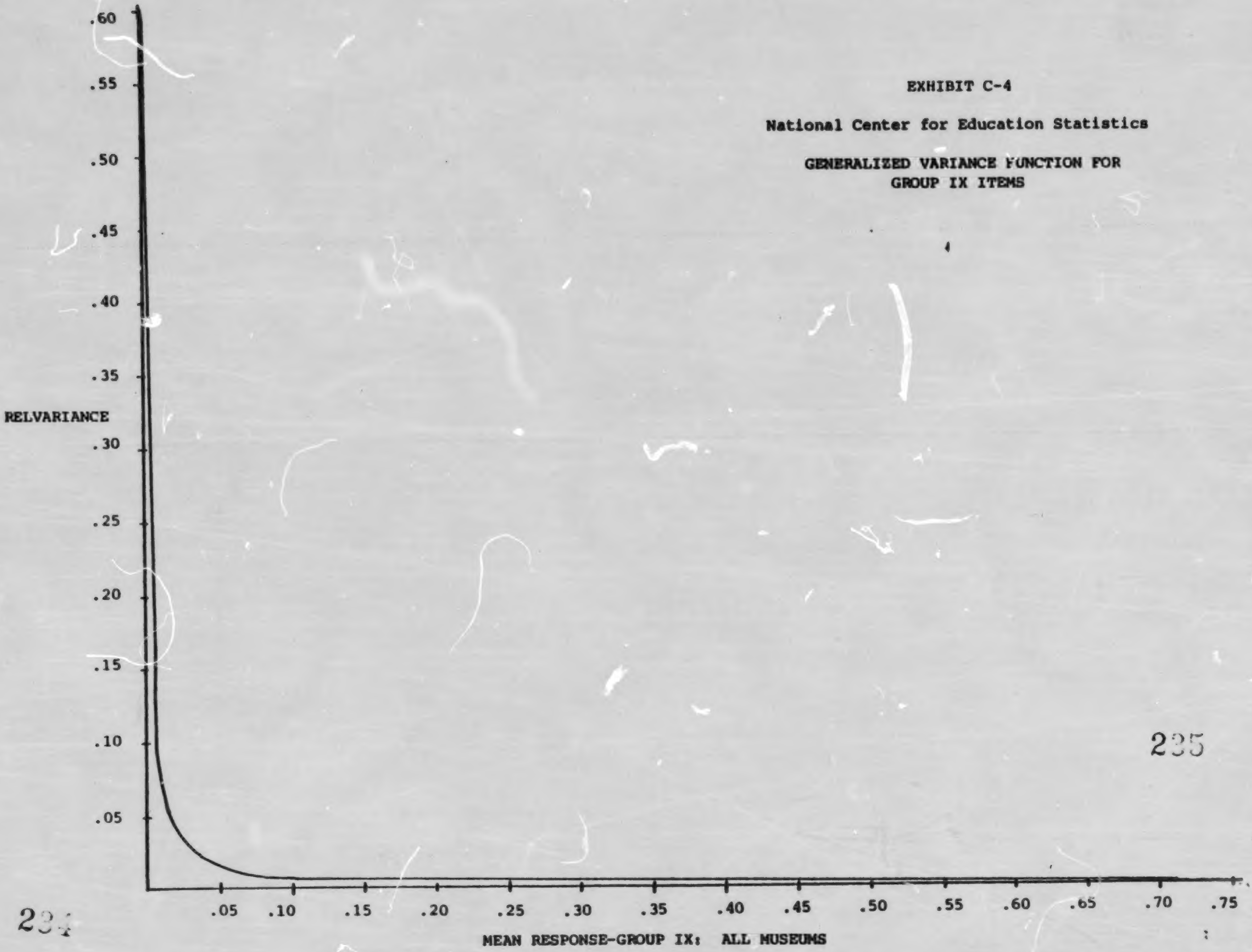


EXHIBIT C-4

National Center for Education Statistics

GENERALIZED VARIANCE FUNCTION FOR
GROUP IX ITEMS

APPENDIX D

ADDITIONAL TABLES

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D-37. Impact of Inflation, by Type of Museum: United States, Fiscal Year 1979

D-38. Impact of Inflation, by Control of Museum: United States, Fiscal Year 1979

TABLE D-1.--DISTRIBUTION OF MUSEUMS, BY CONTROL AND TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

TYPE OF MUSEUM	TOTAL	CONTROL OF INSTITUTION												
		NON-PROFIT	MUNIC-IPAL GOVERN-MENT	COUNTY GOVERN-MENT	STATE GOVERN-MENT	FEDERAL GOVERN-MENT	PRIVATE ELEMEN-TARY/ SECON-DARY SCHOOL	PRIVATE COLLEGE UNIVER-SITY	PUBLIC SCHOOL DIS-TRICT	PUBLIC COLLEGE /UNI-VERSITY	CHURCH/ DENOM-INAT-IONAL GROUP	INDUS-TRIAL CORPOR-ATION	PRIVATE INDI-VIDUAL	OTHER
ALL TYPES.	4,408	2,354	419	215	488	344	3	151	41	281	23	6	51	35
PERCENT.........	100.0	53.4	9.5	4.9	11.1	7.8	.1	3.4	.9	6.4	.5	.1	1.1	.8
ART.............	609	367	36	17	11	9	3	80	3	80	-	-	-	5
PERCENT.........	100.0	60.2	5.9	2.7	1.8	1.5	.4	13.1	.4	13.1	-	-	-	.8
CHILDREN'S......	51	32	5	-	-	-	-	-	12	-	-	-	-	2
PERCENT.........	100.0	63.7	9.8	-	-	-	-	-	22.6	-	-	-	-	3.9
GENERAL.........	382	193	48	42	34	7	-	21	3	27	5	-	-	3
PERCENT.........	100.0	50.5	12.4	11.1	8.9	1.8	-	5.5	.8	7.1	1.2	-	-	.8
HISTORY.........	2,204	1,335	147	73	354	172	-	9	4	35	19	6	51	1
PERCENT.........	100.0	60.6	6.7	3.3	16.1	7.8	-	.4	.2	1.6	.8	.2	2.3	.0
PARKS AND VISITOR CENTERS......	165	15	7	6	35	97	-	-	-	1	-	-	-	6
PERCENT.........	100.0	8.8	3.9	3.6	20.9	58.8	-	-	-	.6	-	-	-	3.3
SCIENCE.........	800	273	155	67	46	55	-	38	20	130	-	-	-	17
PERCENT.........	100.0	34.1	19.4	8.4	5.8	6.8	-	4.7	2.4	16.2	-	-	-	2.1
SPECIALIZED....	197	141	23	10	8	4	-	4	-	9	-	-	-	1
PERCENT.........	100.0	71.6	11.4	4.9	4.1	2.0	-	1.8	-	4.3	-	-	-	.5

TABLE D-2.--DISTRIBUTION OF MUSEUMS, BY SIZE OF TOTAL OPERATING EXPENDITURE AND TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

TYPE OF MUSEUM	TOTAL	TOTAL OPERATING EXPENDITURE								
		NONE	$1 - $25,000	$25,001- $50,000	$50,001- $75,000	$75,001- $100,000	$100,001- $200,000	$200,001- $300,000	$300,001- $400,000	MORE THAN $400,000
ALL TYPES......	4,408	65	1,800	578	365	269	545	172	150	463
PERCENT.............	100.0	1.5	40.8	13.1	8.3	6.1	12.4	3.9	3.4	10.5
ART.................	609	-	102	98	75	41	110	34	30	120
PERCENT.............	100.0	-	16.7	16.1	12.2	6.7	18.0	5.6	4.9	19.8
CHILDREN'S..........	51	-	18	8	6	2	6	5	2	5
PERCENT.............	100.0	-	34.4	14.7	12.0	4.3	10.8	10.4	4.1	9.4
GENERAL.............	382	4	190	36	14	28	42	12	10	48
PERCENT.............	100.0	.9	49.6	9.4	3.7	7.2	11.0	3.2	2.6	12.4
HISTORY.............	2,204	48	1,134	326	154	107	225	59	51	101
PERCENT.............	100.0	2.2	51.5	14.8	7.0	4.9	10.2	2.7	2.3	4.6
PARKS AND VISITOR CENTERS...	165	-	48	18	26	18	25	15	3	14
PERCENT.............	100.0	-	29.1	10.6	15.8	10.6	14.8	9.1	1.8	8.2
SCIENCE.............	800	13	196	78	83	57	122	45	50	157
PERCENT.............	100.0	1.6	24.5	9.8	10.4	7.1	15.3	5.6	6.2	19.6
SPECIALIZED.........	197	1	114	15	8	16	16	3	4	20
PERCENT.............	100.0	.5	57.7	7.7	3.9	8.4	8.1	1.7	2.1	9.9

TABLE D-3.--FREQUENCIES OF MUSEUMS INVOLVED WITH PRESERVATION, CONSERVATION, OR MAINTENANCE ACTIVITIES FOR OBJECTS OR FOR PROTECTION OF ENDANGERED SPECIES, BY TYPE OF MUSEUM; UNITED STATES, FISCAL YEAR 1979

PRESERVATION, CONSERVATION, MAINTENANCE, ACTIVITIES	TOTAL N = 4,408	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
MUSEUM HAS OWN FACILITIES FOR ACTIVITIES ?..................	1,914	197	14	170	822	75	525	112
PERCENT OF MUSEUMS............	42.7	65.5	100.1	77.7	23.3	70.3	44.6	73.1
IF YES, HAS STAFF TRAINING PROGRAM FOR ACTIVITIES......	900	78	9	89	323	53	287	61
PERCENT OF MUSEUMS............	49.5	37.6	23.6	44.8	40.1	37.9	82.4	63.2
IN CONJUNCTION WITH UNIVERSITIES..................	282	34	3	34	49	6	147	9
PERCENT OF MUSEUMS............	13.6	13.3	7.7	13.5	8.3	9.1	20.7	6.6
IN CONJUNCTION WITH OTHER MUSEUMS.......................	302	13	0	35	134	12	73	14
PERCENT OF MUSEUMS............	12.4	9.3	.0	15.8	15.5	15.9	11.6	7.7
IN CONJUNCTION WITH OTHER ORGANIZATIONS...............	496	18	6	46	183	48	158	39
PERCENT OF MUSEUMS............	21.8	10.7	30.8	24.8	19.4	45.5	24.5	19.8
CONDUCTS ACTIVITIES WITH OBJECTS BELONGING TO OTHER INSTITUTIONS..................	528	103	1	49	146	14	199	17
PERCENT OF MUSEUMS............	27.6	52.2	7.7	28.8	17.7	18.8	37.6	15.0

TABLE D-4.--PERCENT DISTRIBUTION OF COLLECTION IN SERIOUS NEED OF CONSERVATION, PRESERVATION, MAINTENANCE, OR PROTECTION, BY GEOGRAPHIC REGION: UNITED STATES, FISCAL YEAR 1979

PERCENT OF COLLECTIONS IN SERIOUS NEED OF CONSERVATION	TOTAL	GEOGRAPHIC REGION			
		NORTH ATLANTIC	GREAT LAKES AND PLAINS	SOUTHEAST	WEST AND SOUTHWEST
TOTAL..........	4,408	1,373	1,129	779	1,127
PERCENT.............	100.0	100.0	100.0	100.0	100.0
NONE................	517	137	97	102	181
PERCENT.............	11.7	10.0	8.6	13.0	16.1
LESS THAN 5%........	699	205	157	138	200
PERCENT.............	15.9	14.9	13.9	17.7	17.7
5% - 14%............	842	273	248	144	177
PERCENT.............	19.1	19.9	22.0	18.4	15.7
15% - 24%...........	817	213	204	187	214
PERCENT.............	18.5	15.5	18.1	23.9	19.0
25% - 49%...........	745	283	190	82	191
PERCENT.............	16.9	20.6	16.8	10.5	16.9
MORE THAN 49%.......	787	263	233	127	164
PERCENT.............	17.9	19.2	20.7	16.3	14.6

TABLE D-5.--SPECIFIC AREAS CURRENTLY IN SERIOUS NEED OF RESOURCES, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

AREAS IN NEED	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
FACILITIES..........	2,151	345	30	177	947	63	491	99
PERCENT OF MUSEUMS..	15.0	21.8	33.4	26.2	6.6	20.0	22.6	26.4
PROGRAMS............	1,302	158	9	100	726	43	218	49
PERCENT OF MUSEUMS..	7.7	9.9	7.9	13.9	4.2	10.9	11.0	12.2
STAFF...............	2,378	327	36	215	1,181	67	432	120
PERCENT OF MUSEUMS..	16.6	22.3	41.3	33.0	8.5	20.0	21.0	30.5
FUNDS...............	2,914	453	45	261	1,395	71	541	148
PERCENT OF MUSEUMS..	26.1	30.0	53.0	38.2	10.0	22.4	24.9	37.6

TABLE D-6.--SPECIFIC AREAS CURRENTLY IN SERIOUS NEED OF RESOURCES, BY GEOGRAPHIC REGION: UNITED STATES, FISCAL YEAR 1979

AREAS IN NEED	TOTAL	GEOGRAPHIC REGION			
		NORTH ATLANTIC	GREAT LAKES AND PLAINS	SOUTHEAST	WEST AND SOUTHWEST
FACILITIES..............	2,151	620	613	373	545
PERCENT OF MUSEUMS......	15.0	14.9	15.4	13.7	15.6
PROGRAMS................	1,302	398	412	202	290
PERCENT OF MUSEUMS......	7.7	7.2	8.1	6.9	8.4
STAFF...................	2,378	825	640	378	535
PERCENT OF MUSEUMS......	16.6	18.2	15.9	15.3	16.2
FUNDS...................	2,914	983	824	437	670
PERCENT OF MUSEUMS......	20.1	21.5	19.4	18.5	20.3

TABLE D-7.--MUSEUMS WITH MEMBERSHIP PROGRAMS, BY SIZE OF TOTAL OPERATING EXPENDITURE AND NUMBER OF MEMBERS: UNITED STATES, FISCAL YEAR 1979

	TOTAL	TOTAL OPERATING EXPENDITURE							
		$1 - $25,000	$25,001- $50,000	$50,001- $75,000	$75,001- $100,000	$100,001- $200,000	$200,001- $300,000	$300,001- $400,000	MORE THAN $400,000
MEMBERSHIP PROGRAMS.....	2,496	1,048	293	188	128	274	113	103	349
PERCENT..........	100.0	42.0	11.7	7.5	5.1	11.0	4.5	4.1	14.0
NUMBER OF MEMBERS									
1 - 250....	879	599	66	42	43	72	27	14	18
PERCENT..........	100.0	68.1	7.5	4.7	4.9	8.2	3.1	1.5	2.0
251 - 500....	589	282	124	55	32	43	21	6	26
PERCENT..........	100.0	47.9	21.0	9.2	5.4	7.3	3.5	1.0	4.7
501 - 750....	304	116	43	45	25	42	9	6	18
PERCENT..........	100.0	38.1	14.2	14.7	8.2	13.8	3.0	2.0	6.0
751 - 1,000....	176	28	14	20	18	44	17	8	29
PERCENT..........	100.0	15.6	7.7	11.1	10.2	24.9	9.5	4.5	16.5
1,001 - 2,000....	248	-	47	7	6	63	23	39	65
PERCENT..........	100.0	-	18.7	2.8	2.2	25.4	9.1	15.6	26.1
2,001 - 3,000....	80	-	-	11	-	2	6	16	45
PERCENT..........	100.0	-	-	13.8	-	2.5	7.5	20.1	56.0
3,001 - 4,000....	63	-	-	9	-	6	3	6	39
PERCENT..........	100.0	-	-	14.3	-	9.5	4.8	9.5	61.8
4,001 - 5,000....	31	-	-	-	-	-	8	2	21
PERCENT..........	100.0	-	-	-	-	-	24.4	6.5	69.1
ABOVE 5,000....	126	24	-	1	5	2	-	7	87
PERCENT..........	100.0	19.1	-	.8	4.0	1.6	-	5.6	69.0

TABLE D-8A.--ANNUAL PROGRAM FEES FOR MUSEUMS WITH MEMBERSHIP PROGRAMS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

INDIVIDUAL PROGRAM FEES	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL..........	4,408	609	51	382	2,204	165	800	197
PERCENT............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE..........	1,983	217	16	166	908	150	442	86
PERCENT............	45.0	35.7	30.6	43.3	41.2	90.6	55.2	43.5
$ 1 - $ 5..........	1,090	42	15	108	802	9	76	39
PERCENT............	24.7	6.9	29.8	28.3	36.4	5.2	9.5	19.6
$ 6 - $10..........	606	104	11	52	296	2	120	23
PERCENT............	13.8	17.0	21.3	13.5	13.4	1.2	15.0	11.7
$11 - $15..........	409	104	8	38	115	4	116	23
PERCENT............	9.3	17.1	16.1	9.9	5.2	2.4	14.5	11.6
$16 - $20..........	136	53	-	7	33	-	24	20
PERCENT............	3.1	6.7	-	1.7	1.5	-	3.0	9.9
$21 - $25..........	92	51	-	7	17	-	13	4
PERCENT............	2.1	8.3	-	1.9	.8	-	1.7	2.2
$26 - $30..........	19	9	-	-	9	-	1	1
PERCENT............	.4	1.4	-	-	.4	-	.1	.5
$31 - $35..........	8	7	-	-	-	-	2	-
PERCENT............	.2	1.1	-	-	-	-	.2	-
$36 - $40..........	20	3	-	-	17	-	-	-
PERCENT............	.4	.4	-	-	.8	-	-	-
ABOVE $40..........	44	21	1	5	8	1	7	2
PERCENT............	1.0	3.4	2.1	1.3	.3	.6	.9	1.1

TABLE D-88.--ANNUAL PROGRAM FEES FOR MUSEUMS WITH MEMBERSHIP PROGRAMS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

FAMILY PROGRAM FEES	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL............	4,408	609	51	382	2,204	165	800	197
PERCENT..............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE............	2,752	273	18	247	1,442	151	480	142
PERCENT..............	62.4	44.8	35.5	64.5	65.4	91.2	60.0	72.4
$ 1 - $ 5............	286	9	5	17	242	6	7	1
PERCENT..............	6.5	1.5	8.8	4.4	11.0	3.3	.9	.6
$ 6 - $10............	339	33	5	25	205	4	54	14
PERCENT..............	7.7	5.4	9.8	6.6	9.3	2.4	6.8	6.9
$11 - $15............	288	68	12	31	98	-	71	10
PERCENT..............	6.5	11.1	23.5	8.1	4.4	-	8.9	4.9
$16 - $20............	192	36	5	13	69	2	59	9
PERCENT..............	4.4	5.8	9.2	3.4	3.1	1.2	7.3	4.6
$21 - $25............	381	105	7	39	129	3	92	6
PERCENT..............	8.7	17.3	13.1	10.2	5.8	1.8	11.6	3.2
$26 - $30............	74	31	-	8	3	-	23	9
PERCENT..............	1.7	5.0	-	2.1	.1	-	2.9	4.6
$31 - $35............	39	19	-	-	10	-	4	5
PERCENT..............	.9	3.1	-	-	.5	-	.5	2.7
$36 - $40............	8	7	-	1	-	-	-	-
PERCENT..............	.2	1.1	-	.3	-	-	-	-
ABOVE $40............	47	29	-	1	8	-	10	-
PERCENT..............	1.1	4.8	-	.3	.3	-	1.2	-

TABLE D-8C.--ANNUAL PROGRAM FEES FOR MUSEUMS WITH MEMBERSHIP PROGRAMS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

STUDENT PROGRAM FEES	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL..........	4,408	609	51	382	2,204	165	800	197
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE...........	3,441	349	37	322	1,771	155	654	154
PERCENT.............	78.1	57.3	72.8	84.2	80.4	93.6	81.8	78.0
$ 1 - $ 2...........	289	27	6	19	183	6	33	17
PERCENT.............	6.6	4.4	11.8	5.0	8.3	3.3	4.1	8.7
$ 3 - $ 4...........	121	26	1	7	76	1	6	3
PERCENT.............	2.7	4.3	2.1	1.9	3.4	.6	.8	1.5
$ 5 - $ 6...........	277	66	6	20	117	3	61	5
PERCENT.............	6.3	10.8	11.2	5.2	5.3	1.8	7.7	2.5
$ 7 - $ 8...........	65	27	-	5	26	-	6	2
PERCENT.............	1.5	4.4	-	1.3	1.2	-	.7	1.1
$ 9 - $10...........	151	71	1	8	24	1	32	14
PERCENT.............	3.4	11.7	2.1	2.1	1.1	.6	4.1	7.0
ABOVE $10...........	63	44	-	1	8	-	8	2
PERCENT.............	1.4	7.3	-	.3	.4	-	1.0	1.1

TABLE D-80.--ANNUAL PROGRAM FEES FOR MUSEUMS WITH MEMBERSHIP PROGRAMS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

DONOR PROGRAM FEES	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL...........	4,408	609	51	382	2,204	165	800	197
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHANGE............	3,337	357	21	288	1,762	157	576	176
PERCENT.............	75.7	58.6	40.6	75.4	80.0	95.2	72.0	89.3
$ 1 - $ 15..........	88	9	7	12	55	-	3	2
PERCENT.............	2.0	1.5	13.8	3.1	2.5	-	.4	.8
$16 - $ 30..........	234	30	9	23	110	1	61	1
PERCENT.............	5.3	4.9	18.2	5.9	5.0	.6	7.6	.6
$31 - $ 45..........	39	12	2	5	13	-	7	1
PERCENT.............	.9	2.0	2.9	1.3	.6	-	.9	.6
$46 - $ 60..........	290	77	2	17	143	1	47	2
PERCENT.............	6.6	12.6	4.3	4.5	6.5	.6	5.9	1.0
$61 - $ 75..........	35	7	2	1	15	-	9	2
PERCENT.............	.8	1.1	2.9	.3	.7	-	1.1	1.1
$76 - $ 90..........	7	5	-	-	-	-	3	-
PERCENT.............	.2	.7	-	-	-	-	.3	-
$91 - $105..........	160	38	5	13	51	1	48	9
PERCENT.............	3.6	6.3	10.0	3.3	2.3	.6	6.1	4.6
ABOVE $105..........	211	75	4	24	55	5	45	4
PERCENT.............	4.8	12.3	7.2	6.2	2.5	3.0	5.7	1.9

TABLE D-8E.--ANNUAL PROGRAM FEES FOR MUSEUMS WITH MEMBERSHIP PROGRAMS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

SENIOR CITIZEN PROGRAM FEES	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL...........	4,408	609	51	382	2,204	165	800	197
PERCENT..............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHANGE............	4,007	495	45	358	2,032	164	727	187
PERCENT..............	90.9	81.2	88.0	93.5	92.2	99.4	90.8	95.1
$ 1 - $ 5............	224	50	4	16	114	-	37	3
PERCENT..............	5.1	8.2	7.1	4.1	5.2	-	4.7	1.6
$ 6 - $10............	141	44	3	8	47	1	34	6
PERCENT..............	3.2	7.2	4.9	2.1	2.1	.6	4.2	2.8
$11 - $15............	24	17	-	-	7	-	1	-
PERCENT..............	.5	2.7	-	-	.3	-	.1	-
$16 - $20............	3	-	-	1	-	-	1	1
PERCENT..............	.1	-	-	.3	-	-	.1	.5
$21 - $25............	-	-	-	-	-	-	-	-
PERCENT..............	-	-	-	-	-	-	-	-
$26 - $30............	-	-	-	-	-	-	-	-
PERCENT..............	-	-	-	-	-	-	-	-
$31 - $35............	-	-	-	-	-	-	-	-
PERCENT..............	-	-	-	-	-	-	-	-
$36 - $40............	-	-	-	-	-	-	-	-
PERCENT..............	-	-	-	-	-	-	-	-
ABOVE $40............	9	4	-	-	5	-	-	-
PERCENT..............	.2	.7	-	-	.2	-	-	-

TABLE D-8F.--ANNUAL PROGRAM FEES FOR MUSEUMS WITH MEMBERSHIP PROGRAMS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

PATRON PROGRAM FEES	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL	4,408	609	51	382	2,204	165	800	197
PERCENT	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE	3,051	271	22	263	1,620	158	558	158
PERCENT	69.2	44.6	43.9	68.9	73.5	95.8	69.7	80.2
$ 1 - $ 50	483	63	12	30	315	1	54	9
PERCENT	11.0	10.3	22.8	7.6	14.3	.6	6.8	4.5
$ 51 - $100	415	112	11	45	173	1	66	8
PERCENT	9.4	18.3	21.2	11.8	7.9	.6	8.2	4.0
$101 - $150	25	11	4	4	5	-	1	-
PERCENT	.6	1.8	7.9	1.1	.2	-	.1	-
$151 - $200	34	17	-	-	10	3	3	2
PERCENT	.8	2.7	-	-	.4	1.8	.4	1.1
$201 - $400	114	50	1	17	15	-	31	1
PERCENT	2.6	8.2	2.1	4.4	.7	-	3.8	.6
$401 - $600	143	39	-	10	38	2	51	5
PERCENT	3.3	6.4	-	2.5	1.7	1.2	6.3	2.4
ABOVE $600	142	47	1	14	29	-	37	14
PERCENT	3.2	7.7	2.1	3.5	1.3	-	4.7	7.3

TABLE D-86.--ANNUAL PROGRAM FEES FOR MUSEUMS WITH MEMBERSHIP PROGRAMS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

BUSINESS/CORPORATE PROGRAM FEES	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL..........	4,408	609	51	382	2,204	165	800	197
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE...........	3,570	387	33	313	1,838	159	664	177
PERCENT.............	81.0	63.5	65.1	81.8	83.4	96.4	83.0	89.9
$ 1 - $ 50.........	241	45	6	18	136	-	27	10
PERCENT.............	5.5	7.3	11.8	4.7	6.2	-	3.4	4.9
$ 51 - $100.........	250	57	3	18	129	4	37	3
PERCENT.............	5.7	9.4	5.1	4.7	5.8	2.4	4.6	1.3
$101 - $200.........	56	7	2	7	31	-	9	1
PERCENT.............	1.3	1.1	3.9	1.7	1.4	-	1.1	.5
$201 - $300.........	71	23	4	11	17	-	14	3
PERCENT.............	1.6	3.7	6.9	2.9	.7	-	1.6	1.7
$301 - $600.........	104	37	-	8	32	2	24	1
PERCENT.............	2.4	6.0	-	2.1	1.5	1.2	3.0	.6
ABOVE $600.........	115	55	4	8	22	-	24	2
PERCENT.............	2.6	9.1	7.2	2.1	1.0	-	3.1	1.1

TABLE D-8H.--ANNUAL PROGRAM FEES FOR MUSEUMS WITH MEMBERSHIP PROGRAMS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

OTHER PROGRAM FEES	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL...........	4,408	609	51	382	2,204	165	800	197
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE...........	3,242	387	37	280	1,601	160	614	164
PERCENT.............	73.6	63.6	71.8	73.2	72.6	97.0	76.7	83.1
$ 1 - $ 150.........	657	65	14	53	432	2	79	13
PERCENT.............	14.9	10.6	28.2	13.8	19.6	1.2	9.9	6.5
$151 - $ 300........	109	17	-	10	58	-	18	6
PERCENT.............	2.5	2.9	-	2.6	2.6	-	2.3	3.0
$301 - $ 450........	9	3	-	-	-	-	6	-
PERCENT.............	.2	.4	-	-	-	-	.8	-
$451 - $ 600........	121	33	-	11	31	1	37	8
PERCENT.............	2.7	5.4	-	3.0	1.4	.6	4.6	4.1
$601 - $ 750........	6	2	-	-	4	-	-	-
PERCENT.............	.1	.3	-	-	.2	-	-	-
$751 - $ 900........	3	3	-	-	-	-	-	-
PERCENT.............	.1	.4	-	-	-	-	-	-
$901 - $1050........	192	62	-	19	66	1	38	7
PERCENT.............	4.4	10.1	-	4.9	3.0	.6	4.8	3.3
ABOVE $1050.........	70	39	-	10	13	1	8	-
PERCENT.............	1.6	6.3	-	2.5	.6	.6	.9	-

TABLE D-9A.--ANNUAL PROGRAM FEES FOR MUSEUMS WITH MEMBERSHIP PROGRAMS, BY SIZE OF TOTAL OPERATING EXPENDITURE: UNITED STATES, FISCAL YEAR 1979

INDIVIDUAL PROGRAM FEES	TOTAL	TOTAL OPERATING EXPENDITURE								
		NONE	$1 - $25,000	$25,001- $50,000	$50,001- $75,000	$75,001- $100,000	$100,001- $200,000	$200,001- $300,000	$300,001- $400,000	MORE THAN $400,000
TOTAL............	4,408	65	1,800	578	365	269	545	173	150	463
PERCENT..............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE............	1,983	65	772	285	180	145	290	68	52	126
PERCENT..............	45.0	100.0	42.9	49.3	49.3	54.1	53.3	39.2	34.6	27.2
$ 1 - $ 5............	1,090	-	789	121	64	48	24	17	9	19
PERCENT..............	24.7	-	43.8	20.9	17.4	17.9	4.5	9.9	6.0	4.0
$ 6 - $10............	606	-	164	129	54	50	98	30	38	43
PERCENT..............	13.8	-	9.1	22.4	14.8	18.7	18.0	17.2	25.3	9.4
$11 - $15............	409	-	30	25	37	14	92	39	29	143
PERCENT..............	9.3	-	1.6	4.3	10.1	5.2	17.0	22.3	19.4	30.8
$16 - $20............	136	-	17	12	5	3	27	5	9	59
PERCENT..............	3.1	-	.9	2.1	1.4	.9	4.9	3.0	6.1	12.7
$21 - $25............	92	-	-	6	14	9	2	4	8	51
PERCENT..............	2.1	-	-	1.0	3.7	3.2	.4	2.3	5.3	10.9
$26 - $30............	19	-	9	-	-	-	-	5	-	6
PERCENT..............	.4	-	.5	-	-	-	-	2.6	-	1.3
$31 - $35............	8	-	-	-	3	-	-	2	-	4
PERCENT..............	.2	-	-	-	.8	-	-	.9	-	.8
$36 - $40............	20	-	17	-	-	-	3	-	-	-
PERCENT..............	.4	-	.9	-	-	-	.5	-	-	-
ABOVE $40............	44	-	4	-	9	-	9	5	5	13
PERCENT..............	1.0	-	.2	-	2.5	-	1.6	2.7	3.3	2.8

TABLE D-98.--ANNUAL PROGRAM FEES FOR MUSEUMS WITH MEMBERSHIP PROGRAMS, BY SIZE OF TOTAL OPERATING EXPENDITURE: UNITED STATES, FISCAL YEAR 1979

FAMILY PROGRAM FEES	TOTAL	TOTAL OPERATING EXPENDITURE								
		NONE	$1 - $25,000	$25,001- $50,000	$50,001- $75,000	$75,001- $100,000	$100,001- $200,000	$200,001- $300,000	$300,001- $400,000	MORE THAN $400,000
TOTAL..........	4,408	65	1,800	578	365	269	545	173	150	463
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHANGE...........	2,752	65	1,263	384	247	161	319	82	63	170
PERCENT.............	62.4	100.0	70.1	66.4	67.7	59.8	58.6	47.4	41.9	36.7
$ 1 - $ 5...........	286	-	254	20	1	9	-	3	-	-
PERCENT.............	6.5	-	14.1	3.4	.3	3.4	-	1.7	-	-
$ 6 - $10...........	339	-	165	65	23	31	26	7	4	19
PERCENT.............	7.7	-	9.2	11.3	6.2	11.5	4.7	4.0	2.7	4.1
$11 - $15...........	288	-	77	50	20	24	50	22	17	30
PERCENT.............	6.5	-	4.2	8.6	5.5	8.9	9.2	12.5	11.3	6.4
$16 - $20...........	192	-	15	26	42	9	39	9	21	32
PERCENT.............	4.4	-	.8	4.5	11.5	3.5	7.1	5.3	13.8	6.9
$21 - $25...........	381	-	19	34	18	29	75	44	32	131
PERCENT.............	8.7	-	1.1	5.9	4.9	10.8	13.7	25.2	21.0	28.3
$26 - $30...........	74	-	7	-	4	-	15	2	5	42
PERCENT.............	1.7	-	.4	-	1.1	-	2.7	1.2	3.0	9.0
$31 - $35...........	39	-	2	-	8	1	4	1	5	18
PERCENT.............	.9	-	.1	-	2.2	.4	.6	.6	3.0	3.9
$36 - $40...........	8	-	-	-	-	-	4	2	-	2
PERCENT.............	.2	-	-	-	-	-	.7	1.2	-	.4
ABOVE $40...........	47	-	-	-	3	5	14	2	5	20
PERCENT.............	1.1	-	-	-	.7	1.7	2.6	.9	3.3	4.3

TABLE D-9C.--ANNUAL PROGRAM FEES FOR MUSEUMS WITH MEMBERSHIP PROGRAMS, BY SIZE OF TOTAL OPERATING EXPENDITURE: UNITED STATES, FISCAL YEAR 1979

STUDENT PROGRAM FEES	TOTAL	TOTAL OPERATING EXPENDITURE								
		NONE	$1 - $25,000	$25,001- $50,000	$50,001- $75,000	$75,001- $100,000	$100,001- $200,000	$200,001- $300,000	$300,001- $400,000	MORE THAN $400,000
TOTAL...........	4,408	65	1,800	578	365	269	545	173	150	463
PERCENT..............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE............	3,441	65	1,553	445	251	227	415	124	85	278
PERCENT..............	78.1	100.0	86.2	77.0	68.7	84.5	76.2	71.5	56.3	60.0
$ 1 - $ 2............	289	-	162	45	32	14	14	5	10	10
PERCENT..............	6.6	-	9.0	7.7	8.8	5.0	2.5	2.9	6.3	2.1
$ 3 - $ 4............	121	-	42	49	11	5	5	-	-	10
PERCENT..............	2.7	-	2.3	8.4	3.0	1.9	.9	-	-	2.1
$ 5 - $ 6............	277	-	39	33	40	10	72	30	27	28
PERCENT..............	6.3	-	2.1	5.7	11.0	3.7	13.2	17.1	17.6	6.0
$ 7 - $ 8............	65	-	-	-	11	4	19	4	5	24
PERCENT..............	1.5	-	-	-	2.9	1.5	3.5	2.0	3.0	5.1
$ 9 - $10............	151	-	6	7	12	3	12	8	20	83
PERCENT..............	3.4	-	.3	1.2	3.2	1.1	2.2	4.7	13.4	17.8
ABOVE $10............	63	-	-	-	9	6	9	3	5	32
PERCENT..............	1.4	-	-	-	2.5	2.2	1.6	1.8	3.3	6.9

TABLE D-90.--ANNUAL PROGRAM FEES FOR MUSEUMS WITH MEMBERSHIP PROGRAMS, BY SIZE OF TOTAL OPERATING EXPENDITURE: UNITED STATES, FISCAL YEAR 1979

DONOR PROGRAM FEES	TOTAL	TOTAL OPERATING EXPENDITURE								
		NONE	$1 - $25,000	$25,001- $50,000	$50,001- $75,000	$75,001- $100,000	$100,001- $200,000	$200,001- $300,000	$300,001- $400,000	MORE THAN $400,000
TOTAL............	4,408	65	1,800	578	365	269	545	173	150	463
PERCENT..............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE...........	3,337	65	1,556	429	259	205	389	105	76	253
PERCENT..............	75.7	100.0	86.4	74.3	70.8	76.5	71.4	60.9	50.6	54.7
$ 1 - $ 15..........	88	-	63	8	2	-	6	-	5	5
PERCENT..............	2.0	-	3.5	1.4	.5	-	1.1	-	3.0	1.0
$16 - $ 30..........	234	-	74	45	27	18	38	9	6	19
PERCENT..............	5.3	-	4.1	7.8	7.3	6.5	7.0	5.0	3.7	4.2
$31 - $ 45..........	39	-	-	6	9	4	8	2	4	8
PERCENT..............	.9	-	-	1.0	2.5	1.3	1.4	1.2	2.7	1.7
$46 - $ 60..........	290	-	76	58	21	8	33	26	18	52
PERCENT..............	6.6	-	4.2	10.0	5.6	2.8	6.0	15.1	11.6	11.2
$61 - $ 75..........	35	-	-	-	9	3	3	2	2	17
PERCENT..............	.8	-	-	-	2.3	1.1	.5	1.2	1.3	3.7
$76 - $ 90..........	7	-	-	-	-	5	-	-	3	-
PERCENT..............	.2	-	-	-	-	1.7	-	-	1.7	-
$91 - $105..........	166	-	18	8	24	15	35	9	19	40
PERCENT..............	3.8	-	1.0	1.3	6.4	5.4	6.4	5.3	12.4	8.7
Above $105..........	211	-	15	25	17	13	35	20	20	69
PERCENT..............	4.8	-	.8	4.2	4.7	4.7	6.3	11.3	13.0	14.8

TABLE D-9E.--ANNUAL PROGRAM FEES FOR MUSEUMS WITH MEMBERSHIP PROGRAMS, BY SIZE OF TOTAL OPERATING EXPENDITURE: UNITED STATES, FISCAL YEAR 1979

SENIOR CITIZEN PROGRAM FEES	TOTAL	TOTAL OPERATING EXPENDITURE								
		NONE	$1 - $25,000	$25,001- $50,000	$50,001- $75,000	$75,001- $100,000	$100,001- $200,000	$200,001- $300,000	$300,001- $400,000	MORE THAN $400,000
TOTAL..........	4,408	65	1,800	578	365	269	545	173	150	463
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE............	4,007	65	1,684	521	326	260	496	151	111	393
PERCENT.............	90.9	100.0	93.5	90.2	89.2	96.8	91.0	87.5	74.0	84.8
$ 1 - $ 5............	224	-	86	45	23	5	31	8	16	10
PERCENT.............	5.1	-	4.8	7.8	6.3	1.7	5.8	4.6	10.7	2.1
$ 6 - $10............	141	-	30	12	12	4	14	10	18	42
PERCENT.............	3.2	-	1.7	2.0	3.1	1.5	2.6	5.9	12.0	9.0
$11 - $15............	28	-	-	-	5	-	4	2	-	14
PERCENT.............	.5	-	-	-	1.4	-	.6	1.2	-	2.9
$16 - $20............	3	-	-	-	-	-	-	-	-	3
PERCENT.............	.1	-	-	-	-	-	-	-	-	.7
$21 - $25............	-	-	-	-	-	-	-	-	-	-
PERCENT.............	-	-	-	-	-	-	-	-	-	-
$26 - $30............	-	-	-	-	-	-	-	-	-	-
PERCENT.............	-	-	-	-	-	-	-	-	-	-
$31 - $35............	-	-	-	-	-	-	-	-	-	-
PERCENT.............	-	-	-	-	-	-	-	-	-	-
$36 - $40............	-	-	-	-	-	-	-	-	-	-
PERCENT.............	-	-	-	-	-	-	-	-	-	-
ABOVE $40............	9	-	-	-	-	-	-	2	5	3
PERCENT.............	.2	-	-	-	-	-	-	.9	3.3	.5

TABLE D-9F.--ANNUAL PROGRAM FEES FOR MUSEUMS WITH MEMBERSHIP PROGRAMS, BY SIZE OF TOTAL OPERATING EXPENDITURE: UNITED STATES, FISCAL YEAR 1979

PATRON PROGRAM FEES	TOTAL	TOTAL OPERATING EXPENDITURE								
		NONE	$1 - $25,000	$25,001- $50,000	$50,001- $75,000	$75,001- $100,000	$100,001- $200,000	$200,001- $300,000	$300,001- $400,000	MORE THAN $400,000
TOTAL..........	4,406	65	1,800	578	365	269	545	173	150	463
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE............	3,051	65	1,429	408	218	183	371	103	70	206
PERCENT.............	69.2	100.0	79.4	70.6	59.7	68.6	68.0	59.5	46.6	44.4
$ 1 - $ 50.........	483	-	253	88	26	30	28	5	21	32
PERCENT.............	11.0	-	14.0	15.3	7.1	11.3	5.1	2.9	13.6	7.0
$ 51 - $100.........	415	-	85	62	71	28	63	34	20	54
PERCENT.............	9.4	-	4.7	10.6	19.5	10.5	11.5	19.5	13.1	11.6
$101 - $150.........	25	-	3	-	3	3	7	1	2	7
PERCENT.............	.6	-	.2	-	.8	1.1	1.2	.6	1.3	1.4
$151 - $200.........	34	-	1	-	11	3	8	2	-	10
PERCENT.............	.8	-	.1	-	2.9	1.1	1.5	.9	-	2.2
$201 - $400.........	114	-	6	5	8	7	24	8	8	48
PERCENT.............	2.6	-	.4	.9	2.1	2.6	4.3	4.7	5.1	10.3
$401 - $600.........	143	-	20	10	20	1	22	16	12	44
PERCENT.............	3.3	-	1.1	1.7	5.3	.4	4.1	9.0	7.7	9.5
ABOVE $600.........	142	-	3	5	10	14	24	5	19	63
PERCENT.............	3.2	-	.2	.9	2.6	5.1	4.3	3.0	12.6	13.6

TABLE D-9G.--ANNUAL PROGRAM FEES FOR MUSEUMS WITH MEMBERSHIP PROGRAMS, BY SIZE OF TOTAL OPERATING EXPENDITURE: UNITED STATES, FISCAL YEAR 1979

BUSINESS/CORPORATE PROGRAM FEES	TOTAL	TOTAL OPERATING EXPENDITURE								
		NONE	$1 - $25,000	$25,001- $50,000	$50,001- $75,000	$75,001- $100,000	$100,001- $200,000	$200,001- $300,000	$300,001- $400,000	MORE THAN $400,000
TOTAL............	4,408	65	1,800	578	365	269	545	173	150	463
PERCENT..............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE............	3,570	65	1,676	397	288	208	415	123	99	301
PERCENT..............	81.0	100.0	93.1	68.7	78.7	77.4	76.1	71.4	65.7	64.8
$ 1 - $ 50..........	241	-	83	61	33	18	33	2	7	7
PERCENT..............	5.5	-	4.6	10.5	8.9	6.7	6.1	.9	4.5	1.4
$ 51 - $100..........	250	-	27	75	13	21	52	8	16	37
PERCENT..............	5.7	-	1.5	13.0	3.6	7.7	9.6	4.3	12.0	7.9
$101 - $200..........	56	-	1	17	2	9	5	3	3	17
PERCENT..............	1.3	-	.1	2.9	.4	3.4	.9	1.7	2.0	3.6
$201 - $300..........	71	-	2	7	13	1	12	12	3	21
PERCENT..............	1.6	-	.1	1.2	3.4	.4	2.2	6.9	2.0	4.6
$301 - $600..........	104	-	-	17	17	3	9	17	15	28
PERCENT..............	2.4	-	-	2.9	4.7	1.0	1.6	9.8	9.7	6.1
ABOVE $600..........	115	-	12	5	1	10	19	9	7	53
PERCENT..............	2.6	-	.7	.8	.3	3.5	3.5	5.2	4.3	11.5

TABLE D-9H.--ANNUAL PROGRAM FEES FOR MUSEUMS WITH MEMBERSHIP PROGRAMS, BY SIZE OF TOTAL OPERATING EXPENDITURE: UNITED STATES, FISCAL YEAR 1979

OTHER PROGRAM FEES	TOTAL	TOTAL OPERATING EXPENDITURE								
		NONE	$1 - $25,000	$25,001- $50,000	$50,001- $75,000	$75,001- $100,000	$100,001- $200,000	$200,001- $300,000	$300,001- $400,000	MORE THAN $400,000
TOTAL............	4,408	65	1,800	578	365	269	545	173	150	463
PERCENT..............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHANGE............	3,242	65	1,454	388	259	212	400	117	76	273
PERCENT..............	73.6	100.0	80.8	67.1	70.8	78.9	73.5	67.6	50.3	58.9
$ 1 - $ 150.........	657	-	285	128	47	22	58	20	32	65
PERCENT..............	14.9	-	15.8	22.1	12.9	8.3	10.7	11.6	21.3	14.0
$151 - $ 300.........	109	-	45	13	9	3	17	5	4	15
PERCENT..............	2.5	-	2.5	2.2	2.5	1.1	3.1	2.7	2.3	3.3
$301 - $ 450.........	9	-	-	-	3	-	5	-	-	2
PERCENT..............	.2	-	-	-	.7	-	.9	-	-	.3
$451 - $ 600.........	121		6	5	23	8	15	12	19	34
PERCENT..............	2.7	-	.3	.8	6.2	2.8	2.8	7.0	12.3	7.3
$601 - $ 750.........	6	-	-	-	-	-	-	-	-	6
PERCENT..............	.1	-	-	-	-	-	-	-	-	1.3
$751 - $ 900.........	3	-	-	-	-	-	-	-	-	3
PERCENT..............	.1	-	-	-	-	-	-	-	-	.5
$901 - $1050.........	192	-	11	34	23	12	35	19	6	52
PERCENT..............	4.4	-	.6	5.9	6.3	4.6	6.5	11.0	3.7	11.2
ABOVE $1050.........	70	-	-	12	3	12	15	-	15	15
PERCENT..............	1.6	-	-	2.0	.7	4.3	2.7	-	10.0	3.1

TABLE D-10.--MUSEUMS WITH GENERAL ADMISSION FEES, BY TYPE OF MUSEUM AND TYPE OF ADMISSION FEE: UNITED STATES, FISCAL YEAR 1979

TYPE OF ADMISSION FEE	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL................	1,401	97	21	95	733	25	310	121
PERCENT....................	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
FIXED 2....................	1,233	69	17	87	612	25	306	117
PERCENT....................	88.0	71.6	82.2	91.6	83.5	100.0	98.7	97.0
SUGGESTED 2..............	168	28	4	8	121	0	4	4
PERCENT....................	12.0	28.4	17.8	8.4	16.5	.0	1.3	3.0

TABLE D-11A.--DISTRIBUTION OF DAILY GENERAL ADMISSION FEES FOR ADULT NONMEMBERS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

ADULTS	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL...........	4,408	609	51	382	2,204	165	800	197
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE...........	3,064	512	30	290	1,484	144	528	77
PERCENT.............	69.5	84.1	59.3	75.8	67.3	87.0	66.0	39.0
$ .01 - $ .50.......	252	19	4	22	156	5	19	27
PERCENT.............	5.7	3.1	8.0	5.8	7.1	3.0	2.4	13.5
$ .51 - $1.00.......	497	39	7	32	297	3	94	26
PERCENT.............	11.3	6.4	14.3	8.3	13.5	1.8	11.7	13.1
$1.01 - $1.50.......	246	19	7	15	108	-	63	35
PERCENT.............	5.6	3.1	14.1	3.8	4.9	-	7.6	17.7
$1.51 - $2.00.......	186	15	1	14	85	7	54	11
PERCENT.............	4.2	2.4	2.1	3.7	3.9	3.9	6.8	5.6
$2.01 - $4.00.......	144	6	1	7	65	7	39	20
PERCENT.............	3.3	.9	2.1	1.9	2.9	4.2	4.9	10.1
ABOVE $4.00.........	18	-	-	3	9	-	4	2
PERCENT.............	.4	-	-	.8	.4	-	.4	1.1

TABLE D-11B.--DISTRIBUTION OF DAILY GENERAL ADMISSION FEES FOR CHILD NONMEMBERS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

CHILDREN	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL...........	4,408	609	51	382	2,204	165	800	197
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE...........	3,437	544	35	314	1,701	154	590	99
PERCENT.............	78.0	89.4	69.6	82.1	77.2	93.3	73.7	50.2
$ .01 - $ .25.......	268	21	3	22	165	1	40	17
PERCENT.............	6.1	3.4	5.9	5.6	7.5	.6	5.0	8.6
$ .26 - $ .50.......	350	25	3	28	191	4	68	32
PERCENT.............	7.9	4.0	5.9	7.2	8.7	2.4	8.4	16.4
$ .51 - $ .75.......	119	8	2	5	53	2	42	8
PERCENT.............	2.7	1.2	4.3	1.2	2.4	1.2	5.2	4.0
$ .76 - $1.00.......	159	9	4	10	61	2	44	29
PERCENT.............	3.6	1.4	8.2	2.5	2.6	1.2	5.5	14.8
ABOVE $1.00.........	76	3	3	5	33	2	17	12
PERCENT.............	1.7	.5	6.1	1.4	1.5	1.2	2.2	6.0

TABLE D-11C.--DISTRIBUTION OF DAILY GENERAL ADMISSION FEES FOR STUDENT NONMEMBERS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

STUDENTS	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL..........	4,408	609	51	382	2,204	165	800	197
PERCENT............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE..........	3,749	556	42	321	1,879	155	661	135
PERCENT............	85.1	91.3	82.9	84.0	85.3	93.9	82.6	68.6
$ .01 - $ .25.......	142	2	3	15	91	1	22	8
PERCENT............	3.2	.3	5.9	3.9	4.1	.6	2.8	4.1
$ .26 - $ .50.......	211	36	-	16	118	3	28	10
PERCENT............	4.8	5.9	-	4.2	5.3	1.8	3.5	5.2
$ .51 - $ .75.......	69	6	1	9	14	-	30	9
PERCENT............	1.6	1.0	2.1	2.4	.6	-	3.7	4.5
$ .76 - $1.00.......	136	6	3	13	64	4	27	20
PERCENT............	3.1	.9	5.1	3.3	2.9	2.4	3.4	10.3
ABOVE $1.00.........	101	4	2	8	38	2	32	14
PERCENT............	2.3	.7	3.9	2.1	1.7	1.2	4.0	7.1

TABLE D-11D.--DISTRIBUTION OF DAILY GENERAL ADMISSION FEES FOR SENIOR CITIZEN NONMEMBERS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

SENIOR CITIZENS	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL..........	4,408	609	51	382	2,204	165	800	197
PERCENT............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE..........	3,939	566	44	357	1,982	159	693	138
PERCENT............	89.4	93.0	85.9	93.5	90.0	96.4	86.6	69.9
$ .01 - $ .25.......	47	4	2	5	33	-	2	2
PERCENT............	1.1	.6	2.9	1.3	1.5	-	.3	1.0
$ .26 - $ .50.......	113	20	-	4	48	1	28	12
PERCENT............	2.6	3.3	-	1.0	2.2	.6	3.6	6.0
$ .51 - $ .75.......	38	3	-	4	18	-	9	4
PERCENT............	.9	.5	-	1.1	.8	-	1.1	2.1
$ .76 - $1.00.......	145	12	3	3	61	2	44	21
PERCENT............	3.3	1.9	5.1	.8	2.8	1.2	5.5	10.5
ABOVE $1.00.........	125	5	3	9	61	3	24	21
PERCENT............	2.8	.7	6.1	2.3	2.8	1.8	2.9	10.5

TABLE D-11E.--DISTRIBUTION OF DAILY GENERAL ADMISSION FEES FOR GROUP NONMEMBERS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

GROUP RATE	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL...........	4,408	609	51	382	2,204	165	800	197
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE............	3,765	572	40	339	1,898	154	647	114
PERCENT.............	85.4	94.0	79.0	88.6	86.1	93.3	80.9	58.0
$ .01 - $ .25.......	79	11	4	3	29	-	28	5
PERCENT.............	1.8	1.7	6.9	.8	1.3	-	3.5	2.5
$ .26 - $ .50.......	114	10	3	6	54	3	27	12
PERCENT.............	2.6	1.6	5.1	1.6	2.4	1.8	3.4	6.2
$ .51 - $ .75.......	120	3	1	8	49	1	38	22
PERCENT.............	2.7	.4	2.1	2.1	2.2	.6	4.7	11.0
$ .76 - $1.00.......	109	5	2	9	62	-	15	16
PERCENT.............	2.5	.8	2.9	2.4	2.8	-	1.9	8.0
ABOVE $1.00.........	220	9	2	17	113	7	45	28
PERCENT.............	5.0	1.4	3.9	4.5	5.1	4.2	5.6	14.2

TABLE D-11F.--DISTRIBUTION OF DAILY GENERAL ADMISSION FEES FOR OTHER NONMEMBERS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

OTHERS	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL...........	4,406	609	51	382	2,204	165	800	197
PERCENT.............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO CHARGE............	4,213	601	46	371	2,116	156	729	194
PERCENT.............	95.6	98.8	90.6	97.0	96.0	94.5	91.1	98.4
$ .01 - $ .25.......	8	-	-	-	7	-	1	-
PERCENT.............	.2	-	-	-	.3	-	.1	-
$ .26 - $ .50.......	63	1	3	-	30	-	30	-
PERCENT.............	1.4	.2	5.1	-	1.4	-	3.7	-
$ .51 - $ .75.......	16	-	-	2	-	1	7	-
PERCENT.............	.2	-	-	.5	-	.6	.9	-
$ .76 - $1.00.......	38	-	-	2	7	6	23	1
PERCENT.............	.9	-	-	.5	.3	3.6	2.8	.5
ABOVE $1.00.........	75	7	2	8	44	2	11	2
PERCENT.............	1.7	1.1	4.3	2.0	2.0	1.2	1.4	1.1

TABLE D-12.--TOTAL OPERATING INCOME, BY CONTROL OF MUSEUM AND SOURCE OF OPERATING INCOME: UNITED STATES, FISCAL YEAR 1979

CONTROL OF INSTITUTION	TOTAL	FEDERAL GOVERNMENT	STATE GOVERNMENT	LOCAL GOVERNMENT	FOUNDATIONS	CORPORATIONS	INDIVIDUAL CONTRIBUTIONS	EARNED INCOME	OTHER SOURCES
TOTAL........	1,088,086,833	147,744,726	126,466,372	187,798,795	45,639,386	25,904,160	47,097,193	459,712,864	47,723,337
PERCENT...........	100.0	13.6	11.6	17.3	4.2	2.4	4.3	42.2	4.4
NON-PROFIT........	638,527,580	51,541,160	24,788,595	77,244,710	39,865,892	23,048,750	40,680,865	358,991,488	22,346,120
PERCENT...........	100.0	8.1	3.9	12.1	6.2	3.6	6.4	56.2	3.5
MUNICIPAL GOVERNMENT.....	125,659,932	4,443,851	6,679,393	66,475,997	1,016,237	588,917	1,285,482	41,678,986	3,491,069
PERCENT...........	100.0	3.5	5.3	52.9	.8	.5	1.0	33.2	2.8
COUNTY GOVERNMENT	36,890,310	1,327,179	245,510	24,168,825	356,180	35,543	795,567	9,287,397	674,109
PERCENT...........	100.0	3.6	.7	65.5	1.0	.1	2.2	25.2	1.8
STATE GOVERNMENT.	104,081,390	3,520,949	71,541,344	2,024,179	1,886,036	1,076,355	417,151	23,250,008	365,358
PERCENT...........	100.0	3.4	68.7	1.9	1.8	1.0	.4	22.3	.4
FEDERAL GOVERNMENT.....	89,668,620	78,570,304	2,610,412	1,349,311	596,974	211,070	667,247	4,260,949	1,407,352
PERCENT...........	100.0	87.6	2.9	1.5	.7	.2	.7	4.8	1.6
PRIVATE ELEMENTARY/ SECONDARY SCHOOL..........	330,000	0	0	0	0	0	0	330,000	0
PERCENT...........	100.0	.0	.0	.0	.0	.0	.0	100.0	.0
PRIVATE COLLEGE/ UNIVERSITY.....	21,555,218	2,128,365	519,008	50,446	494,948	303,965	1,955,080	8,303,279	7,800,128
PERCENT...........	100.0	9.9	2.4	.2	2.3	1.4	9.1	38.5	36.2
PUBLIC SCHOOL DISTRICT.......	5,062,013	99,305	121,009	3,059,915	176,845	4,600	43,038	984,818	572,493
PERCENT...........	100.0	2.0	2.4	60.4	3.5	.1	.9	19.5	11.3
PUBLIC COLLEGE/ UNIVERSITY.....	34,312,779	4,590,715	12,908,119	184,874	837,223	553,711	900,793	6,178,276	8,159,066
PERCENT...........	100.0	13.4	37.6	.5	2.4	1.6	2.6	18.0	23.8
CHURCH OR DENOMINATIONAL GROUP...........	2,326,890	153,876	10,248	179,700	0	0	0	185,066	1,798,000
PERCENT...........	100.0	6.6	.4	7.7	.0	.0	.0	8.0	77.3
INDUSTRIAL CORPORATION....	994,697	0	994,697	0	0	0	0	0	0
PERCENT...........	100.0	.0	100.0	.0	.0	.0	.0	.0	.0
PRIVATE INDIVIDUAL.....	6,120	0	0	0	0	0	0	6,120	0
PERCENT...........	100.0	.0	.0	.0	.0	.0	.0	100.0	.0
OTHER............	28,671,285	1,365,020	6,048,046	13,069,837	389,051	81,240	351,971	6,256,478	1,109,642
PERCENT...........	100.0	4.8	21.1	45.6	1.4	.3	1.2	21.8	3.9

TABLE D-13.--TOTAL OPERATING INCOME, BY SIZE OF TOTAL OPERATING EXPENDITURE AND SOURCE OF OPERATING INCOME: UNITED STATES, FISCAL YEAR 1979

SOURCE OF OPERATING INCOME	TOTAL	TOTAL OPERATING EXPENDITURE								
		NONE	$1 - $25,000	$25,001- $50,000	$50,001- $75,000	$75,001- $100,000	$100,001- $200,000	$200,001- $300,000	$300,001- $400,000	MORE THAN $400,000
TOTAL........	1,088,086,833	293,284	24,156,271	27,392,967	27,445,802	26,222,373	94,369,404	46,902,590	55,757,032	785,547,110
PERCENT...........	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
FEDERAL GOVERNMENT	147,744,726	0	2,711,256	5,921,348	4,647,968	4,207,133	19,78[illegible],238	8,507,982	8,445,940	93,514,861
PERCENT...........	13.6	.0	11.2	21.6	16.9	16.0	21.0	18.1	15.1	11.9
STATE GOVERNMENT..	126,466,372	0	3,688,958	4,631,083	4,929,704	5,219,017	13,657,290	8,719,416	10,556,043	75,064,662
PERCENT...........	11.6	.0	15.3	16.9	18.0	19.9	14.5	18.6	18.9	9.6
LOCAL GOVERNMENT..	187,798,795	259,319	4,629,690	5,758,381	4,639,090	5,971,426	14,818,816	8,593,040	10,061,612	133,067421
PERCENT...........	17.3	88.4	19.2	21.0	16.9	22.8	15.7	18.3	18.0	16.9
FOUNDATIONS.......	45,639,386	0	770,109	677,761	1,049,275	690,775	3,705,528	1,162,019	5,606,198	31,977,720
PERCENT...........	4.2	.0	3.2	2.5	3.8	2.6	3.9	2.5	10.1	4.1
CORPORATIONS......	25,904,160	0	228,990	329,638	794,588	388,381	1,699,766	1,165,796	1,356,406	19,940,593
PERCENT...........	2.4	.0	.9	1.2	2.9	1.5	1.8	2.5	2.4	2.5
INDIVIDUAL CONTRIBUTIONS...	47,097,193	13,200	2,473,035	618,824	1,251,668	1,123,250	3,924,764	1,745,211	3,161,057	32,786,183
PERCENT...........	4.3	4.5	10.2	2.3	4.6	4.3	4.2	3.7	5.7	4.2
EARNED INCOME.....	459,712,868	9.515	7,002,637	6,465,600	8,934,506	6,369,218	27,679,745	14,474,955	14,013,052	374,763636
PERCENT...........	42.2	3.2	29.0	23.6	32.6	28.3	29.3	30.9	25.1	47.7
OTHER SOURCES.....	47,723,537	11,250	2,651,509	2,990,331	1,199,001	2,253,174	9,045,256	2,530,169	2,556,723	24,431,834
PERCENT...........	4.4	3.8	11.0	10.9	4.4	8.6	9.6	5.4	4.6	3.1

TABLE D-14.--TOTAL OPERATING INCOME, BY GEOGRAPHIC REGION AND SOURCE OF OPERATING INCOME: UNITED STATES, FISCAL YEAR 1979

SOURCE OF OPERATING INCOME	TOTAL	GEOGRAPHIC REGION			
		NORTH ATLANTIC	GREAT LAKES AND PLAINS	SOUTHEAST	WEST AND SOUTHWEST
TOTAL..........	1,088,086,833	410,216,836	273,243,606	146,204,303	258,422,088
PERCENT.............	100.0	100.0	100.0	100.0	100.0
FEDERAL GOVERNMENT..	147,744,726	74,085,733	20,162,835	24,049,833	29,446,325
PERCENT.............	13.6	18.1	7.4	16.4	11.4
STATE GOVERNMENT....	126,466,372	36,693,051	36,873,748	21,781,683	31,117,890
PERCENT.............	11.6	8.9	13.5	14.9	12.0
LOCAL GOVERNMENT....	187,798,795	49,487,617	59,222,540	28,214,957	50,873,681
PERCENT.............	17.3	12.1	21.7	19.3	19.7
FOUNDATIONS.........	45,639,386	17,528,130	10,983,576	2,983,411	14,144,269
PERCENT.............	4.2	4.3	4.0	2.0	5.5
CORPORATIONS........	25,904,160	10,588,654	7,525,245	1,753,636	6,036,625
PERCENT.............	2.4	2.6	2.8	1.2	2.3
INDIVIDUAL CONTRIBUTIONS.....	47,097,193	20,416,238	10,886,375	3,856,994	11,937,586
PERCENT.............	4.3	5.0	4.0	2.6	4.6
EARNED INCOME.......	459,712,864	183,359,216	113,018,467	57,846,404	105,488,776
PERCENT.............	42.2	44.7	41.4	39.6	40.8
OTHER SOURCES.......	47,723,337	18,058,197	14,570,819	5,717,385	9,376,936
PERCENT.............	4.4	4.4	5.3	3.9	3.6

TABLE D-15.--DISTRIBUTION OF OPERATING EXPENDITURES ACROSS PROGRAM AREAS, BY CONTROL OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

AREA OF EXPENDITURE	TOTAL 1/	CONTROL OF INSTITUTION											
		NON-PROFIT	MUNICIPAL GOVERNMENT	COUNTY GOVERNMENT	STATE GOVERNMENT	FEDERAL GOVERNMENT	PRIVATE ELEMENTARY/ SECONDARY SCHOOL	PRIVATE COLLEGE UNIVERSITY	PUBLIC SCHOOL DISTRICT	PUBLIC COLLEGE /UNIVERSITY	CHURCH/ DENOMINATIONAL GROUP	INDUSTRIAL CORPORATION	PRIVATE INDIVIDUAL	OTHER
TOTAL EXPENDITURES 2/.	1,005,217	596,215	111,782	37,484	88,548	85,309	335	22,199	5,175	30,575	1,030	1,254	6	25,304
PERCENT............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CURATORIAL.........	128,413	67,404	10,505	6,607	11,192	16,289	67	4,965	391	7,752	265	351	0	2,424
PERCENT............	12.8	11.3	9.4	18.2	12.6	19.1	20.0	22.4	7.6	25.4	25.7	28.0	.0	9.6
EXHIBITS...........	130,504	72,633	24,607	5,792	9,093	5,756	84	2,944	447	5,299	8	0	0	3,841
PERCENT............	13.0	12.2	22.0	15.5	10.3	6.7	25.0	13.3	8.6	17.3	.3	.0	.0	15.2
CONSERVATION.......	48,379	24,473	10,485	1,119	4,026	5,976	34	755	36	918	13	0	6	573
PERCENT............	4.8	4.1	9.3	3.0	4.5	7.0	10.0	3.4	.7	3.0	1.2	.0	100.0	2.3
EDUCATION..........	108,777	67,866	8,694	4,123	11,013	7,610	50	2,541	2,166	3,967	9	0	0	738
PERCENT............	10.8	11.4	7.8	11.0	12.4	8.9	15.0	11.4	41.8	13.0	.9	.0	.0	2.9
DEVELOPMENT........	19,787	14,320	2,557	251	1,148	338	0	369	19	537	0	0	0	248
PERCENT............	2.0	2.4	2.3	.7	1.3	.4	.0	1.7	.4	1.8	.0	.0	.0	1.0
MEMBERSHIP.........	18,707	15,026	1,227	441	562	223	0	427	14	315	1	0	0	472
PERCENT............	1.9	2.5	1.1	1.2	.6	.3	.0	1.9	.3	1.0	.1	.0	.0	1.9
PUBLIC INFORMATION	40,242	26,106	2,599	716	4,714	4,017	6	602	158	1,063	4	0	0	263
PERCENT............	4.0	4.4	2.3	1.9	5.3	4.7	.0	2.7	3.1	3.5	.4	.0	.0	1.0
PAID ADVERTISING..	10,425	7,676	1,355	30	1,046	64	0	24	4	139	0	0	0	88
PERCENT............	1.0	1.3	1.2	.1	1.2	.1	.0	.1	.1	.5	.0	.0	.0	.3
SECURITY...........	55,050	32,406	6,247	2,291	6,014	4,189	44	1,138	218	1,769	1	0	0	732
PERCENT............	5.5	5.4	5.6	6.1	6.8	4.9	13.0	5.1	4.2	5.8	.1	.0	.0	2.9
GENERAL ADMINISTRATION..	200,235	126,680	17,672	5,752	17,035	15,945	27	5,299	731	5,854	408	652	0	4,179
PERCENT............	19.9	21.2	15.8	15.3	19.2	18.7	8.0	23.9	14.1	19.1	39.6	52.0	.0	16.5
BUILDING AND MAINTENANCE.....	189,842	104,672	20,318	8,348	19,505	23,170	30	2,554	836	1,740	127	251	0	8,290
PERCENT............	18.9	17.6	18.2	22.3	22.0	27.2	9.0	11.5	16.2	5.7	12.4	20.0	.0	32.8
OTHER AREAS........	54,860	36,952	5,555	1,814	3,201	1,730	0	580	156	1,223	194	0	0	3,455
PERCENT............	5.5	6.2	5.0	4.6	3.6	2.0	.0	2.6	3.0	4.0	18.9	.0	.0	13.7

1/ - DIFFERS FROM 1.016 BILLION ESTIMATE DUE TO ROUNDING
2/ - IN THOUSANDS OF DOLLARS

TABLE D-16.--DISTRIBUTION OF OPERATING EXPENDITURES ACROSS PROGRAM AREAS, BY SIZE OF TOTAL OPERATING EXPENDITURE: UNITED STATES, FISCAL YEAR 1979

AREA OF EXPENDITURE	TOTAL 1/	TOTAL OPERATING EXPENDITURE							
		$1 - $25,000	$25,001 - $50,000	$50,001 - $75,000	$75,001 - $100,000	$100,001 - $200,000	$200,001 - $300,000	$300,001 - $400,000	MORE THAN $400,000
TOTAL EXPENDITURES.......	$1,005,216,926	$15,063,669	$20,869,583	$22,460,068	$23,841,623	$78,979,147	$42,299,814	$51,689,561	$750,013,460
PERCENT..............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CURATORIAL...........	128,412,878	2,082,553	2,335,620	2,337,893	2,590,739	10,555,072	4,487,048	6,823,858	97,200,096
PERCENT..............	12.8	13.8	11.2	10.4	10.9	13.4	10.6	13.2	13.0
EXHIBITS.............	130,504,418	871,137	2,156,340	2,799,118	2,387,945	7,460,990	4,434,173	6,486,051	103,906,664
PERCENT..............	13.0	5.8	10.3	12.5	10.0	9.4	10.5	12.5	13.9
CONSERVATION.........	48,373,816	414,391	1,020,088	715,531	806,880	2,236,737	1,461,342	2,446,140	39,272,707
PERCENT..............	4.8	2.8	4.9	3.2	3.4	2.8	3.5	4.7	5.2
EDUCATION............	108,777,250	859,970	3,730,190	2,423,709	3,156,841	8,963,434	5,309,618	6,353,875	77,979,554
PERCENT..............	10.8	5.7	17.9	10.8	13.2	11.3	12.6	12.3	10.4
DEVELOPMENT..........	19,787,082	515,578	326,961	471,088	429,106	1,784,776	1,012,175	1,158,937	14,088,461
PERCENT..............	2.0	3.4	1.6	2.1	1.8	2.3	2.4	2.2	1.9
MEMBERSHIP...........	18,707,421	155,361	280,301	406,383	183,447	1,219,518	673,998	1,484,135	14,304,278
PERCENT..............	1.9	1.0	1.3	1.8	.8	1.5	1.6	2.9	1.9
PUBLIC INFORMATION..	40,241,948	560,268	438,211	1,269,847	1,545,759	4,060,503	1,526,318	1,544,273	29,296,748
PERCENT..............	4.0	3.7	2.1	5.7	6.5	5.1	3.6	3.0	3.9
PAID ADVERTISING....	10,425,055	126,116	107,420	172,274	131,290	605,602	315,562	124,673	8,642,118
PERCENT..............	1.0	.8	.5	.8	.6	.8	.7	.2	1.2
SECURITY.............	55,050,319	299,508	393,026	914,204	845,733	2,838,800	1,767,135	1,869,921	46,121,992
PERCENT..............	5.5	2.0	1.9	4.1	3.5	3.6	4.2	3.6	6.1
GENERAL ADMINISTRATION....	200,234,605	4,957,748	6,649,625	5,708,466	7,226,683	21,041,672	11,786,888	14,129,100	128,734,422
PERCENT..............	19.9	32.9	31.9	25.4	30.3	26.6	27.9	27.3	17.2
BUILDING AND MAINTENANCE.......	189,812,119	3,629,784	2,912,163	4,445,255	3,941,130	14,599,448	8,039,943	7,965,308	144,309,088
PERCENT..............	18.9	24.1	14.0	19.8	16.5	18.5	19.0	15.4	19.2
OTHER AREAS..........	54,860,010	591,234	519,637	796,241	596,069	3,612,596	1,485,615	1,303,291	45,955,332
PERCENT..............	5.5	3.9	2.5	3.5	2.5	4.6	3.5	2.5	6.1

1/ - DIFFERS FROM 1,016 MILLION ESTIMATE DUE TO ROUNDING

TABLE D-17.--DISTRIBUTION OF OPERATING EXPENDITURES ACROSS PROGRAM AREAS, BY GEOGRAPHIC REGION: UNITED STATES, FISCAL YEAR 1979

AREA OF EXPENDITURE	TOTAL 1/	GEOGRAPHIC REGION			
		NORTH ATLANTIC	GREAT LAKES AND PLAINS	SOUTHEAST	WEST AND SOUTHWEST
TOTAL EXPENDITURES.......	$1,005,216,926	$384,783,159	$255,578,211	$128,328,344	$236,527,212
PERCENT..............	100.0	100.0	100.0	100.0	100.0
CURATORIAL...........	128,512,878	58,367,837	29,641,523	10,935,749	29,467,768
PERCENT..............	12.8	15.2	11.6	8.5	12.5
EXHIBITS.............	130,508,418	40,965,518	32,864,839	20,417,009	36,257,052
PERCENT..............	13.0	10.6	12.9	15.9	15.3
CONSERVATION.........	48,373,816	16,754,431	13,651,855	6,409,570	11,557,960
PERCENT..............	4.8	4.4	5.3	5.0	4.9
EDUCATION............	108,777,250	46,943,298	27,736,160	14,773,124	19,324,668
PERCENT..............	10.8	12.2	10.9	11.5	8.2
DEVELOPMENT..........	19,787,082	7,939,525	3,859,591	2,669,171	5,318,844
PERCENT..............	2.0	2.1	1.5	2.1	2.2
MEMBERSHIP...........	18,707,421	7,484,943	4,099,524	1,675,893	5,447,061
PERCENT..............	1.9	1.9	1.6	1.3	2.3
PUBLIC INFORMATION...	40,241,948	13,327,042	10,104,485	5,359,074	11,451,347
PERCENT..............	4.0	3.5	4.0	4.2	4.8
PAID ADVERTISING....	10,425,055	2,189,571	1,772,588	1,723,817	4,739,078
PERCENT..............	1.0	.6	.7	1.3	2.0
SECURITY.............	55,050,319	25,592,613	10,322,156	6,962,474	12,173,076
PERCENT..............	5.5	6.7	4.0	5.4	5.1
GENERAL ADMINISTRATION....	200,234,605	79,537,548	47,208,834	25,900,602	47,587,420
PERCENT..............	19.9	20.7	18.5	20.2	20.1
BUILDING AND MAINTENANCE.......	189,842,119	68,868,090	53,668,690	25,951,931	41,353,458
PERCENT..............	18.9	17.9	21.0	20.2	17.5
OTHER AREAS..........	54,860,016	16,812,741	20,648,065	5,549,729	11,849,481
PERCENT..............	5.5	4.4	8.1	4.3	5.0

1/ - DIFFERS FROM 1.016 BILLION ESTIMATE DUE TO ROUNDING

TABLE D-18.--SOURCE OF EARNED INCOME, BY CONTROL OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

SOURCE OF EARNED INCOME	TOTAL 1/	CONTROL OF INSTITUTION											
		NON-PROFIT	MUNIC-IPAL GOVERN-MENT	COUNTY GOVERN-MENT	STATE GOVERN-MENT	FEDERAL GOVERN-MENT	PRIVATE ELEMEN-TARY/ SECON-DARY SCHOOL	PRIVATE COLLEGE /UNI-VERSITY	PUBLIC SCHOOL DIS-TRICT	PUBLIC COLLEGE /UNI-VERSITY	CHURCH/ DENOM-INAT-IONAL GROUP	PRIVATE INDI-VIDUAL	OTHER
ALL SOURCES....	460,094	359,092	41,905	9,341	23,250	4,261	330	8,303	985	6,178	185	6	6,256
PERCENT..............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ADMISSION FEES.......	135,315	87,975	24,052	5,245	14,581	1,484	0	427	83	836	60	0	572
PERCENT..............	29.4	24.5	57.4	56.1	62.7	34.8	.0	5.1	6.4	13.5	32.6	.0	9.1
TUITION FEES.........	18,707	17,214	566	92	58	111	0	228	7	394	0	0	34
PERCENT..............	4.1	4.8	1.4	1.0	.2	2.6	.0	2.7	.7	6.4	.0	.0	.5
MEMBERSHIP DUES......	50,303	41,718	5,390	330	635	169	0	827	41	751	49	3	391
PERCENT..............	10.9	11.6	12.9	3.5	2.7	4.0	.0	10.0	4.1	12.1	26.3	41.2	6.3
INVESTMENT INCOME....	40,388	37,738	810	129	292	46	0	868	5	94	75	0	327
PERCENT..............	8.8	10.5	1.9	1.4	1.3	1.1	.0	10.5	.5	1.6	40.6	.0	5.2
ENDOWMENT INCOME.....	102,889	90,889	1,353	1,020	568	847	330	4,179	794	2,570	0	0	340
PERCENT..............	22.4	25.3	3.2	10.9	2.4	19.9	100.0	50.3	80.7	41.6	.0	.0	5.4
FOOD SERVICE (NET INCOME).......	13,566	10,155	2,111	879	271	0	0	0	0	58	0	0	31
PERCENT..............	2.9	2.8	5.0	9.4	1.2	.0	.0	.0	.0	.9	.0	.0	.5
MUSEUM SHOP (NET INCOME).......	35,284	24,736	3,820	925	3,401	933	0	500	48	606	0	4	312
PERCENT..............	7.7	6.9	9.1	9.9	14.6	21.9	.0	6.0	4.8	9.8	.0	58.8	5.0
AUXILIARY SERVICES (NET INCOME).......	18,296	15,646	457	40	613	57	0	295	1	202	0	0	1,585
PERCENT..............	4.0	4.2	1.1	.4	2.6	1.3	.0	3.6	.1	3.3	.0	.0	25.3
OTHER INCOME.........	45,406	33,622	3,345	683	2,831	615	0	978	6	662	1	0	2,665
PERCENT..............	9.9	9.4	8.0	7.3	12.2	14.4	.0	11.8	.6	10.7	.5	.0	42.6

1/ - IN THOUSANDS OF DOLLARS

TABLE D-19.--SOURCE OF EARNED INCOME BY SIZE OF TOTAL OPERATING EXPENDITURE: UNITED STATES, FISCAL YEAR 1979

SOURCE OF EARNED INCOME	TOTAL	TOTAL OPERATING EXPENDITURE								
		NONE	$1 - $25,000	$25,001- $50,000	$50,001- $75,000	$75,001- $100,000	$100,001- $200,000	$200,001- $300,000	$300,001- $400,000	MORE THAN $400,000
ALL SOURCES...	$460,093,865	$9,515	$7,002,967	$6,466,280	$8,988,506	$6,369,218	$27,679,745	$14,474,955	$14,013,052	$375,089,627
PERCENT...............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ADMISSION FEES.....	135,314,694	0	1,541,198	1,121,520	1,338,844	1,486,304	6,888,036	4,063,895	3,404,085	115,470,809
PERCENT...............	29.4	.0	22.0	17.3	14.9	23.3	24.9	28.1	24.3	30.8
TUITION FEES.........	18,706,575	0	89,752	142,475	216,840	609,374	685,495	687,967	784,866	15,489,807
PERCENT...............	4.1	.0	1.3	2.2	2.4	9.6	2.5	4.8	5.6	4.1
MEMBERSHIP DUES....	50,303,190	165	1,706,709	1,577,544	1,424,868	768,025	3,330,094	1,787,723	2,373,887	37,334,181
PERCENT...............	10.9	1.7	24.4	24.4	15.9	12.1	12.0	12.4	16.9	10.0
INVESTMENT INCOME..	40,387,854	1,100	772,379	936,342	401,970	365,123	2,131,783	847,896	1,994,818	32,936,444
PERCENT...............	8.8	11.6	11.0	14.5	4.5	5.7	7.7	5.9	14.2	8.8
ENDOWMENT INCOME...	102,889,457	0	330,635	637,308	2,980,846	1,059,891	6,009,485	2,300,733	1,304,525	88,260,035
PERCENT...............	22.4	.0	4.7	9.9	33.2	16.6	21.7	15.9	9.3	23.5
FOOD SERVICE (NET INCOME).....	13,505,504	0	30,701	26,197	13,486	18,471	295,015	240,921	720,674	12,156,040
PERCENT...............	2.9	.0	.5	.4	.2	.3	1.1	1.7	5.1	3.2
MUSEUM SHOP (NET INCOME).....	35,299,476	0	1,029,555	765,438	848,359	1,204,400	4,110,617	1,846,676	1,258,728	24,220,504
PERCENT...............	7.7	.0	14.7	11.8	9.4	18.9	14.9	12.8	9.0	6.5
AUXILIARY SERVICES (NET INCOME).....	18,295,902	0	122,704	135,871	495,735	113,162	590,317	532,894	596,439	15,708,781
PERCENT...............	4.0	.0	1.8	2.1	5.5	1.8	2.1	3.7	4.3	4.2
OTHER INCOME........	45,406,212	8,250	1,375,339	1,123,587	1,261,558	744,469	3,638,901	2,166,050	1,575,030	33,513,027
PERCENT...............	9.9	86.7	19.6	17.4	14.0	11.7	13.1	15.0	11.2	8.9

TABLE D-20.--SOURCE OF EARNED INCOME, BY GEOGRAPHIC REGION: UNITED STATES, FISCAL YEAR 1979

SOURCE OF EARNED INCOME	TOTAL	GEOGRAPHIC REGION			
		NORTH ATLANTIC	GREAT LAKES AND PLAINS	SOUTHEAST	WEST AND SOUTHWEST
ALL SOURCES....	$460,093,865	$183,300,226	$113,045,667	$57,922,690	$105,765,282
PERCENT..............	100.0	100.0	100.0	100.0	100.0
ADMISSION FEES......	135,314,694	35,553,787	29,493,267	24,184,086	46,083,554
PERCENT..............	29.4	19.4	26.1	41.8	43.6
TUITION FEES........	18,706,575	9,889,728	5,777,451	750,636	2,286,760
PERCENT..............	4.1	5.4	5.1	1.3	2.2
MEMBERSHIP DUES.....	50,303,190	21,377,651	11,210,819	5,444,898	12,269,822
PERCENT..............	10.9	11.7	9.9	9.4	11.6
INVESTMENT INCOME...	40,387,854	22,864,924	7,726,501	4,976,471	4,819,958
PERCENT..............	8.8	12.5	6.8	8.6	4.6
ENDOWMENT INCOME....	102,889,857	56,802,303	28,542,778	4,511,852	13,032,519
PERCENT..............	22.4	31.0	25.2	7.8	12.3
FOOD SERVICE (NET INCOME)......	13,505,504	2,274,206	5,278,969	2,065,131	3,887,204
PERCENT..............	2.9	1.2	4.7	3.5	3.7
MUSEUM SHOP (NET INCOME)......	35,284,476	11,768,850	8,526,519	6,019,616	8,969,490
PERCENT..............	7.7	6.4	7.5	10.4	8.5
AUXILIARY SERVICES (NET INCOME)......	18,245,902	5,695,138	5,025,252	1,842,784	5,782,728
PERCENT..............	4.0	3.1	4.4	3.2	5.5
OTHER INCOME........	45,406,212	17,183,639	11,464,111	8,127,216	8,631,296
PERCENT..............	9.9	9.4	10.1	14.0	8.2

TABLE D-21.--COMPARISON OF OPERATING EXPENDITURES, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

OPERATING EXPENDITURES	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL EXPENDITURES......	$1,016,793,023	$275,263,725	$8,270,691	$84,435,840	$226,422,836	$27,767,950	$367,552,882	$27,079,100
PERCENT..............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PAYROLL AND RELATED EXPENDITURES......	608,880,012	154,347,915	5,461,194	53,417,926	133,489,481	16,321,592	232,712,977	13,128,927
PERCENT..............	59.9	56.1	66.0	63.3	59.0	58.8	63.3	48.5
ACQUISITION EXPENDITURES......	47,898,196	27,626,126	375,627	3,203,369	5,295,363	1,036,876	9,693,914	666,921
PERCENT..............	4.7	10.0	4.5	3.8	2.3	3.7	2.6	2.5
OTHER EXPENDITURES..	360,014,814	93,289,683	2,433,870	27,814,545	87,637,991	10,409,482	125,145,991	13,283,251
PERCENT..............	35.4	33.9	29.4	32.9	38.7	37.5	34.0	49.1

TABLE D-22.--COMPARISON OF OPERATING EXPENDITURES, BY CONTROL OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

OPERATING EXPENDITURES	TOTAL 1/	CONTROL OF INSTITUTION												
		NON-PROFIT	MUNIC-IPAL GOVERN-MENT	COUNTY GOVERN-MENT	STATE GOVERN-MENT	FEDERAL GOVERN-MENT	PRIVATE ELEMEN-TARY/SECON-DARY SCHOOL	PRIVATE COLLEGE /UNI-VERSITY	PUBLIC SCHOOL DIS-TRICT	PUBLIC COLLEGE /UNI-VERSITY	CHURCH/DENOM-INATIONAL GROUP	INDUS-TRIAL CORPOR-ATION	PRIVA-TE INDI-VIDUAL	OTHER
TOTAL EXPENDITURES......	1,016,793	607,791	111,782	37,484	88,548	85,309	335	22,199	5,175	30,575	1,030	1,254	6	25,304
PERCENT..............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PAYROLL AND RELATED EXPENDITURES......	608,880	341,834	66,602	24,143	58,791	62,557	195	13,556	3,394	22,353	821	440	0	14,193
PERCENT..............	59.9	56.2	59.6	64.4	66.4	73.3	58.2	61.1	65.6	73.1	79.7	35.1	.0	56.1
ACQUISITION EXPENDITURES......	47,898	32,781	2,999	1,513	4,962	1,596	18	1,431	33	2,175	0	0	0	389
PERCENT..............	4.7	5.4	2.7	4.0	5.6	1.9	5.4	6.4	.6	7.1	.0	.0	.0	1.5
OTHER EXPENDITURES..	360,015	233,176	42,180	11,828	24,795	21,156	122	7,211	1,749	6,046	209	814	6	10,721
PERCENT..............	35.4	38.4	37.7	31.6	28.0	24.8	36.4	32.5	33.8	19.8	20.3	64.9	100.0	42.4

1/ - IN THOUSANDS OF DOLLARS

TABLE D-23.--COMPARISON OF OPERATING EXPENDITURES, BY SIZE OF TOTAL OPERATING EXPENDITURE: UNITED STATES, FISCAL YEAR 1979

OPERATING EXPENDITURES	TOTAL	TOTAL OPERATING EXPENDITURE							
		$1 - $25,000	$25,001- $50,000	$50,001- $75,000	$75,001- $100,000	$100,001- $200,000	$200,001- $300,000	$300,001- $400,000	MORE THAN $400,000
TOTAL EXPENDITURES.......	$1,016,793,023	$15,003,669	$20,869,583	$22,643,106	$23,841,623	$78,979,147	$42,299,818	$51,689,561	$761,406,460
PERCENT...............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PAYROLL AND RELATED EXPENDITURES.......	608,880,012	7,864,596	12,902,518	12,587,687	15,902,444	50,929,078	25,142,954	30,208,790	453,341,946
PERCENT...............	59.9	52.2	61.8	55.6	66.7	64.5	59.4	58.4	59.5
ACQUISITION EXPENDITURES.......	47,898,196	813,128	376,750	662,510	835,965	2,459,792	1,550,758	1,169,840	40,029,444
PERCENT...............	4.7	5.4	1.8	2.9	3.5	3.1	3.7	2.3	5.3
OTHER EXPENDITURES..	360,014,814	6,365,945	7,590,305	9,392,969	7,103,215	25,590,278	15,606,103	20,310,921	268,035,070
PERCENT...............	35.4	42.4	36.4	41.5	29.8	32.4	36.9	39.3	35.2

TABLE D-24.--ATTENDANCE MEASUREMENT METHODS, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

ATTENDANCE MEASUREMENT METHOD	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL...........	4,408	609	51	382	2,204	165	800	197
PERCENT..............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ESTIMATED COUNT.....	2,418	362	27	212	1,251	58	419	88
PERCENT..............	54.8	59.4	53.9	55.5	56.8	35.2	52.3	44.9
ACCURATE COUNT......	1,990	247	23	170	953	107	381	108
PERCENT..............	45.2	40.6	46.1	44.5	43.2	64.8	47.7	55.1

TABLE D-25.--AVERAGE ANNUAL ATTENDANCE, 1975-1979, BY CONTROL OF MUSEUM; UNITED STATES, FISCAL YEAR 1979

CONTROL OF INSTITUTION	1975	1976	1977	1978	1979
NON-PROFIT................	44,970	53,328	54,367	55,020	56,206
MUNICIPAL GOVERNMENT.....	101,354	107,728	115,559	122,847	154,299
COUNTY GOVERNMENT........	52,470	54,448	56,466	60,408	51,493
STATE GOVERNMENT.........	93,138	101,981	97,054	96,638	94,635
FEDERAL GOVERNMENT.......	218,474	275,424	231,170	226,307	208,535
PRIVATE ELEMENTARY /SECONDARY SCHOOL......	20,000	28,000	22,000	23,500	25,000
PRIVATE COLLEGE /UNIVERSITY.............	21,335	22,953	27,263	26,935	27,933
PUBLIC SCHOOL DISTRICT...	37,597	29,361	32,839	34,493	42,679
PUBLIC COLLEGE /UNIVERSITY.............	26,312	28,096	29,643	30,806	33,306
CHURCH/ DENOMINATIONAL GROUP....................	18,533	20,134	18,950	18,078	16,218
INDUSTRIAL CORPORATION...	96,300	107,000	96,300	107,000	90,000
PRIVATE INDIVIDUAL.......	101	101	258	278	291
OTHER....................	146,438	150,065	643,666	167,491	160,513

TABLE D-26.--AVERAGE ANNUAL ATTENDANCE, 1975-1979, BY SIZE OF TOTAL OPERATING EXPENDITURE; UNITED STATES, FISCAL YEAR 1979

AVERAGE ATTENDANCE	TOTAL OPERATING EXPENDITURE								
	NONE	$1 - $25,000	$25,001- $50,000	$50,001- $75,000	$75,001- $100,000	$100,001- $200,000	$200,001- $300,000	$300,001- $400,000	MORE THAN $400,000
1975......	81,015	11,046	31,865	33,066	61,905	60,710	76,670	106,658	341,688
1976......	111,732	11,756	34,971	37,163	92,721	77,226	91,471	116,359	395,261
1977......	123,253	11,572	32,072	38,359	68,886	69,044	94,185	116,500	422,469
1978......	124,672	12,251	30,937	39,420	85,912	72,276	96,711	112,013	391,571
1979......	93,576	12,726	26,657	38,321	87,137	74,462	95,270	105,017	416,832

TABLE D-27.--AVERAGE ANNUAL ATTENDANCE, 1975-1979, BY GEOGRAPHIC REGION: UNITED STATES, FISCAL YEAR 1979

AVERAGE ATTENDANCE	GEOGRAPHIC REGION			
	NORTH ATLANTIC	GREAT LAKES AND PLAINS	SOUTHEAST	WEST AND SOUTHWEST
1975......	69,012	57,233	56,245	88,437
1976......	89,713	60,051	61,851	94,496
1977......	77,937	76,057	62,621	98,301
1978......	79,487	60,219	62,235	101,405
1979......	77,512	63,809	72,796	99,922

TABLE D-28.--TOTAL ANNUAL ATTENDANCE, 1975-1979, BY SIZE OF TOTAL OPERATING EXPENDITURE: UNITED STATES, FISCAL YEAR 1979

TOTAL OPERATING EXPENDITURE	1975	1976	1977	1978	1979
TOTAL................	298,316,686	345,620,472	352,409,113	339,659,622	347,757,048
PERCENT..................	100.0	100.0	100.0	100.0	100.0
NONE.....................	5,238,442	7,224,560	7,969,523	8,061,261	6,050,615
PERCENT..................	1.8	2.1	2.3	2.4	1.7
$ 1 - $ 25,000......	19,863,611	21,162,734	20,830,481	22,052,888	22,907,477
PERCENT..................	6.7	6.1	5.9	6.5	6.6
$ 25,001 - $ 50,000......	18,405,462	20,199,609	18,525,278	17,869,307	15,397,168
PERCENT..................	6.2	5.8	5.3	5.3	4.4
$ 50,001 - $ 75,000......	12,079,350	13,575,918	14,012,967	14,400,376	13,999,046
PERCENT..................	4.0	3.9	4.0	4.2	4.0
$ 75,001 - $100,000......	21,993,189	24,697,535	23,867,594	23,069,151	23,347,[illegible]52
PERCENT..................	7.4	7.2	6.8	6.6	6.7
$100,001 - $200,000......	33,071,347	42,068,180	37,610,813	39,371,494	40,562,301
PERCENT..................	11.1	12.2	10.7	11.6	11.7
$200,001 - $300,000......	13,260,865	15,820,815	16,290,162	16,727,118	16,477,843
PERCENT..................	4.4	4.6	4.6	4.9	4.7
$300,001 - $400,000......	16,022,108	17,479,409	17,500,583	16,826,570	15,775,657
PERCENT..................	5.4	5.1	5.0	5.0	4.5
MORE THAN $400,000......	158,362,310	183,191,7[illegible]5	195,801,712	181,481,437	193,188,965
PERCENT..................	53.1	53.0	55.6	53.4	55.6

TABLE D-29.--TOTAL ANNUAL ATTENDANCE, 1975-1979, BY GEOGRAPHIC REGION: UNITED STATES, FISCAL YEAR 1979

GEOGRAPHIC REGION	1975	1976	1977	1978	1979
TOTAL.................	298,316,686	345,620,472	352,409,113	339,859,622	347,757,044
PERCENT..................	100.0	100.0	100.0	100.0	100.0
NORTH ATLANTIC............	94,733,004	123,150,121	106,984,633	109,112,107	106,401,009
PERCENT..................	31.8	35.6	30.4	32.1	30.6
GREAT LAKES AND PLAINS...	64,598,055	67,776,538	85,844,751	67,969,048	72,020,442
PERCENT..................	21.7	19.6	24.4	20.0	20.7
SOUTHEAST................	43,823,710	48,193,084	48,793,100	48,492,580	56,721,035
PERCENT..................	14.7	13.9	13.8	14.3	16.3
WEST AND SOUTHWEST.......	95,161,916	106,496,728	110,786,630	114,285,887	112,614,558
PERCENT..................	31.9	30.8	31.4	33.6	32.4

TABLE D-30.--TOTAL ANNUAL ATTENDANCE, 1975-1979, BY CONTROL OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

CONTROL OF INSTITUTION	1975	1976	1977	1978	1979
TOTAL.................	298,316,686	345,620,472	352,409,113	339,859,622	347,757,044
PERCENT..................	100.00	100.00	100.00	100.00	100.00
NON-PROFIT...............	105,862,060	125,537,577	127,983,966	129,519,343	132,313,413
PERCENT..................	35.49	36.32	36.32	38.11	38.05
MUNICIPAL GOVERNMENT.....	42,477,555	45,146,850	48,430,855	51,485,276	64,666,591
PERCENT..................	14.24	13.06	13.74	15.15	18.60
COUNTY GOVERNMENT........	11,257,986	11,682,415	12,115,337	12,961,209	11,155,566
PERCENT..................	3.77	3.38	3.44	3.81	3.21
STATE GOVERNMENT.........	45,449,372	49,764,466	47,360,476	47,157,508	46,180,227
PERCENT..................	15.24	14.40	13.44	13.68	13.28
FEDERAL GOVERNMENT.......	75,056,747	94,621,928	79,418,319	77,747,880	71,642,109
PERCENT..................	25.16	27.38	22.54	22.88	20.60
PRIVATE ELEMENTARY /SECONDARY SCHOOL.......	50,000	70,000	55,000	56,750	62,500
PERCENT..................	.02	.02	.02	.02	.02
PRIVATE COLLEGE /UNIVERSITY.............	3,215,015	3,458,835	4,108,306	4,058,886	4,209,207
PERCENT..................	1.08	1.00	1.17	1.19	1.21
PUBLIC SCHOOL DISTRICT...	1,523,799	1,190,019	1,330,972	1,398,010	1,729,777
PERCENT..................	.51	.34	.38	.41	.50
PUBLIC COLLEGE /UNIVERSITY.............	7,389,048	7,889,912	8,324,299	8,650,817	9,353,130
PERCENT..................	2.48	2.28	2.36	2.55	2.69
CHURCH/ DENOMINATIONAL GROUP..................	426,256	463,082	435,839	415,803	373,024
PERCENT..................	.14	.13	.12	.12	.11
INDUSTRIAL CORPORATION...	529,650	588,500	529,650	588,500	495,000
PERCENT..................	.18	.17	.15	.17	.14
PRIVATE INDIVIDUAL.......	5,131	5,131	13,051	14,059	14,730
PERCENT..................	.00	.00	.00	.00	.00
OTHER....................	5,074,066	5,199,757	22,303,042	5,803,580	5,561,770
PERCENT..................	1.70	1.50	6.33	1.71	1.60

TABLE D-31.--FEDERAL SOURCE OF INCOME, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

SOURCE OF INCOME	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL FEDERAL SOURCES...	$147,744,726	$24,712,961	$931,725	$8,379,755	$48,452,517	$12,653,896	$51,629,947	$983,926
PERCENT..............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
SMITHSONIAN - NATIONAL MUSEUM ACT................	229,666	95,110	0	119,687	0	0	14,869	0
PERCENT..............	.2	.4	.0	1.4	.0	.0	.0	.0
INSTITUTE OF MUSEUM SERVICES..........	5,435,065	1,155,116	160,118	402,390	1,469,572	28,771	2,103,494	115,625
PERCENT..............	3.7	4.7	17.2	4.8	3.0	.2	4.1	11.8
NATIONAL SCIENCE FOUNDATION........	5,262,834	237,279	45,000	534,322	0	41,628	4,404,605	0
PERCENT..............	3.6	1.0	4.8	6.4	.0	.3	8.5	.0
NATIONAL ENDOWMENT FOR THE ARTS......	13,321,268	8,521,182	143,671	900,446	2,386,783	16,039	1,204,721	148,425
PERCENT..............	9.0	34.5	15.4	10.7	4.9	.1	2.3	15.1
NATIONAL ENDOWMENT FOR HUMANITIES....	16,670,392	4,870,013	75,708	1,752,304	6,285,027	28,173	3,436,466	228,700
PERCENT..............	11.3	19.7	8.1	20.9	13.0	.2	6.7	23.2
OFFICE OF EDUCATION.	494,355	1,6[illegible]	99,930	7,750	85,600	0	299,396	0
PERCENT..............	.3	.0	10.7	.1	.2	.0	.6	.0
OTHER FEDERAL SOURCES..........	106,325,126	9,832,580	407,298	4,662,855	38,225,535	12,539,285	40,166,396	491,17[illegible]
PERCENT..............	72.0	39.8	43.7	55.6	78.9	99.1	77.8	49.9

TABLE D-32.--FEDERAL SOURCE OF INCOME, BY SIZE OF TOTAL OPERATING EXPENDITURE: UNITED STATES, FISCAL YEAR 1979

SOURCE OF INCOME	TOTAL	TOTAL OPERATING EXPENDITURE							
		$1 - $25,000	$25,001- $50,000	$50,001- $75,000	$75,001- $100,000	$100,001- $200,000	$200,001- $300,000	$300,001- $400,000	MORE THAN $400,000
TOTAL FEDERAL SOURCES...	$147,744,726	$2,711,256	$5,921,348	$4,647,968	$4,207,133	$19,788,238	$8,507,982	$8,445,940	$93,514,861
PERCENT..............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
SMITHSONIAN - NATIONAL MUSEUM ACT...............	229,666	0	0	48,728	0	42,543	0	0	138,395
PERCENT..............	.2	.0	.0	1.0	.0	.2	.0	.0	.1
INSTITUTE OF MUSEUM SERVICES...........	5,435,085	138,667	52,989	301,215	328,024	1,041,656	156,842	809,232	2,606,462
PERCENT..............	3.7	5.1	.9	6.5	7.8	5.3	1.8	9.6	2.8
NATIONAL SCIENCE FOUNDATION.........	5,262,834	0	0	75,528	9,100	20,848	445,006	139,800	4,572,558
PERCENT..............	3.6	.0	.0	1.6	.2	.1	5.2	1.7	4.9
NATIONAL ENDOWMENT FOR THE ARTS.......	13,321,268	264,754	160,683	230,135	367,127	1,267,717	662,867	374,326	9,993,660
PERCENT..............	9.0	9.8	2.7	5.0	8.7	6.4	7.8	4.4	10.7
NATIONAL ENDOWMENT FOR HUMANITIES....	16,676,392	413,257	486,623	348,342	112,126	1,252,208	155,970	1,293,160	12,614,707
PERCENT..............	11.3	15.2	8.2	7.5	2.7	6.3	1.8	15.3	13.5
OFFICE OF EDUCATION.	494,355	5,250	0	117,000	0	0	7,880	46,700	317,526
PERCENT..............	.3	.2	.0	2.5	.0	.0	.1	.6	.3
OTHER FEDERAL SOURCES............	106,325,126	1,889,328	5,221,054	3,527,021	3,390,756	16,163,266	7,079,425	5,782,723	63,271,554
PERCENT..............	72.0	69.7	88.2	75.9	80.6	81.7	83.2	68.5	67.7

TABLE D-33.--DISTRIBUTION OF MUSEUMS EXPERIENCING NO FINANCIAL DIFFICULTY AND MUSEUMS EXPERIENCING SOME FINANCIAL DIFFICULTY, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

FISCAL YEAR BALANCE	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
TOTAL...........	4,408	609	51	382	2,204	165	800	197
PERCENT..............	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
POSITIVE INCOME.....	3,675	462	43	311	1,897	159	654	151
PERCENT..............	83.4	75.8	83.8	81.3	86.1	96.1	81.7	76.5
NEGATIVE INCOME.....	733	147	8	71	306	7	146	46
PERCENT..............	16.6	24.2	16.2	18.7	13.9	3.9	18.3	23.5

TABLE D-34.--MUSEUMS WITH ENDOWMENT FUNDS, BY SIZE OF TOTAL OPERATING EXPENDITURE: UNITED STATES, FISCAL YEAR 1979

ENDOWMENT FUND ASSETS	TOTAL	TOTAL OPERATING EXPENDITURE								
		NONE	$1 - $25,000	$25,001- $50,000	$50,001- $75,000	$75,001- $100,000	$100,001- $200,000	$200,001- $300,000	$300,001- $400,000	MORE THAN $400,000
ALL MUSEUMS......	4,408	65	1,800	578	365	269	545	173	150	463
PERCENT................	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
NO ENDOWMENT FUNDS....	3,208	65	1,486	476	260	200	349	95	85	193
PERCENT................	72.8	100.0	82.5	82.4	71.1	74.3	64.1	54.9	56.7	41.6
$ 1 - $50,000	406	-	176	59	44	21	46	12	17	31
PERCENT................	9.2	-	9.8	10.2	11.9	7.8	8.5	7.0	11.4	6.7
$ 50,001 - $249,999	288	-	86	18	39	12	59	31	18	26
PERCENT................	6.5	-	4.8	3.0	10.7	4.3	10.8	17.9	12.1	5.5
$ 250,000 - $499,999	128	-	27	18	6	22	15	9	5	26
PERCENT................	2.9	-	1.5	3.1	1.6	8.0	2.8	5.3	3.3	5.7
$ 500,000 - $999,999	77	-	-	7	9	9	25	8	6	14
PERCENT................	1.7	-	-	1.2	2.5	3.2	4.5	4.7	4.0	3.0
$1,000,000 -$9,999,999	248	-	26	-	8	7	51	17	17	124
PERCENT................	5.6	-	1.4	-	2.2	2.4	9.3	9.6	11.5	26.7
$10,000,000 OR MORE...	53	-	-	-	-	-	-	1	2	50
PERCENT................	1.2	-	-	-	-	-	-	.6	1.0	10.8

TABLE D-35.--RATIO OF CAPITAL EXPENDITURES TO OPERATING EXPENDITURES, BY CONTROL OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

CONTROL OF INSTITUTION	TOTAL CAPITAL EXPENDITURES	TOTAL OPERATING EXPENDITURES	RATIO
TOTAL......................	$243,258,181	$1,016,793,023	0.239 : 1
NON-PROFIT..................	129,951,551	607,791,374	.214 : 1
MUNICIPAL GOVERNMENT...........	45,733,624	111,782,123	.409 : 1
COUNTY GOVERNMENT..............	5,139,750	37,464,126	.137 : 1
STATE GOVERNMENT...............	33,150,439	88,546,360	.374 : 1
FEDERAL GOVERNMENT.............	10,420,690	85,309,400	.122 : 1
PRIVATE ELEMENTARY /SECONDARY SCHOOL........................	18,000	335,000	.054 : 1
PRIVATE COLLEGE /UNIVERSITY....	2,336,770	22,198,550	.105 : 1
PUBLIC SCHOOL DISTRICT.........	104,843	5,175,481	.020 : 1
PUBLIC COLLEGE /UNIVERSITY.....	9,489,082	30,574,830	.310 : 1
CHURCH/ DENOMINATIONAL GROUP...	320,500	1,030,068	.311 : 1
INDUSTRIAL CORPORATION.........	110,000	1,254,000	.088 : 1
PRIVATE INDIVIDUAL.............	0	6,120	.000 : 1
OTHER..........................	6,482,934	25,303,571	.256 : 1

TABLE D-36.--RATIO OF CAPITAL EXPENDITURES TO OPERATING EXPENDITURES, BY SIZE OF TOTAL OPERATING EXPENDITURE: UNITED STATES, FISCAL YEAR 1979

TOTAL OPERATING EXPENDITURE	TOTAL CAPITAL EXPENDITURES	TOTAL OPERATING EXPENDITURES	RATIO
TOTAL	$243,258,181	$1,016,793,023	0.239 : 1
NONE	261,244	0	** : 1
$ 1 - $ 25,000	9,844,672	15,063,669	.654 : 1
$ 25,001 - $ 50,000	13,719,218	20,869,583	.657 : 1
$ 50,001 - $ 75,000	5,993,322	22,643,166	.265 : 1
$ 75,001 - $100,000	4,778,573	23,841,623	.200 : 1
$100,001 - $200,000	29,382,128	78,979,147	.372 : 1
$200,001 - $300,000	7,084,670	42,299,814	.167 : 1
$300,001 - $400,000	18,264,192	51,689,561	.353 : 1
MORE THAN $400,000	153,930,163	761,406,460	.202 : 1

TABLE D-37.--IMPACT OF INFLATION, BY TYPE OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

ABLE TO ABSORB IMPACT OF INFLATION WITHOUT REDUCING CURRENT OPERATIONS ?	TOTAL	TYPE OF MUSEUM						
		ART	CHILDREN'S	GENERAL	HISTORY	PARKS AND VISITOR CENTERS	SCIENCE	SPECIALIZED
YES	2,883	401	38	247	1,529	108	455	106
NO, NECESSARY REDUCTIONS IN THESE AREAS?	1,524	208	13	135	674	58	345	91
CURATORIAL	1,017	157	8	105	415	37	229	67
PERCENT OF MUSEUMS	66.7	75.2	56.9	77.7	61.6	63.5	66.0	73.8
EDUCATION	1,025	159	13	91	385	46	266	65
PERCENT OF MUSEUMS	67.3	76.4	100.0	67.0	57.1	80.0	77.2	71.6
SECURITY	833	124	8	81	353	29	188	50
PERCENT OF MUSEUMS	54.7	59.6	60.7	59.9	52.3	50.4	54.7	55.3
EXHIBITION	1,143	183	10	101	462	46	279	62
PERCENT OF MUSEUMS	75.0	87.9	77.2	74.7	68.5	79.1	81.1	68.3
CONSERVATION/PRESERVATION	1,082	144	7	98	493	39	238	64
PERCENT OF MUSEUMS	71.0	69.2	49.3	72.5	73.0	67.0	69.2	70.1
OTHER	664	112	6	67	272	25	134	48
PERCENT OF MUSEUMS	43.6	53.6	45.5	49.8	40.4	43.5	38.8	53.2

TABLE D-38.--IMPACT OF INFLATION, BY CONTROL OF MUSEUM: UNITED STATES, FISCAL YEAR 1979

ABLE TO ABSORB IMPACT OF INFLATION WITHOUT REDUCING CURRENT OPERATIONS ?	TOTAL	CONTROL OF INSTITUTION												
		NON-PROFIT	MUNICIPAL GOVERNMENT	COUNTY GOVERNMENT	STATE GOVERNMENT	FEDERAL GOVERNMENT	PRIVATE ELEMENTARY/SECONDARY SCHOOL	PRIVATE COLLEGE/UNIVERSITY	PUBLIC SCHOOL DISTRICT	PUBLIC COLLEGE/UNIVERSITY	CHURCH/DENOMINATIONAL GROUP	INDUSTRIAL CORPORATION	PRIVATE INDIVIDUAL	OTHER
YES	2,883	1,610	253	158	301	239	0	105	26	149	6	0	15	23
NO, NECESSARY REDUCTIONS IN THESE AREAS:	1,524	744	166	57	187	104	3	46	15	132	17	6	36	12
CURATORIAL............	1,017	510	112	36	106	90	3	34	14	91	12	0	0	10
PERCENT OF MUSEUMS..	66.7	68.6	67.7	63.7	56.6	86.0	100.0	73.6	93.3	68.8	70.6	.0	.0	83.5
EDUCATION............	1,025	507	109	34	131	82	3	32	14	108	0	0	0	6
PERCENT OF MUSEUMS..	67.3	68.1	65.9	59.3	69.9	78.5	100.0	70.3	93.3	81.8	.0	.0	.0	50.5
SECURITY.............	833	391	75	25	94	86	3	26	14	67	12	0	36	5
PERCENT OF MUSEUMS..	54.7	52.6	45.0	44.3	50.4	82.8	100.0	56.0	93.3	50.4	70.6	.0	100.0	42.2
EXHIBITION...........	1,143	530	140	47	151	95	3	37	15	98	12	6	0	11
PERCENT OF MUSEUMS..	75.0	71.2	84.5	82.3	80.4	90.9	100.0	81.3	100.0	74.2	70.6	100.0	.0	91.7
CONSERVATION AND PRESERVATION.......	1,082	502	101	48	140	99	3	30	10	103	0	0	36	11
PERCENT OF MUSEUMS..	71.0	67.4	60.7	84.9	74.6	94.7	100.0	65.9	66.7	78.0	.0	.0	100.0	91.7
OTHER................	664	367	59	24	78	27	0	18	7	56	17	6	0	7
PERCENT OF MUSEUMS..	43.6	49.3	35.4	42.6	41.8	25.4	.0	39.6	43.3	42.2	100.0	100.0	.0	58.7

APPENDIX E

VERIFICATION STUDY OF THE 1979 MUSEUM PROGRAM SURVEY OPERATING EXPENDITURES

VERIFICATION STUDY OF THE 1979 MUSEUM PROGRAM SURVEY OPERATING EXPENDITURES

A subsample of 401 museums from the original sample of 1,373 was drawn, and the reported value of the 1979 operating expenditure was verified through a mail questionnaire followed up by a telephone interview. At the same time, a comparable 1978 estimate was obtained, and reasons for discrepancies from the reported values were noted, with suggestions for improving future surveys. The main results are as follows:

- The estimate of 1979 total operating expenditure based on the verification study was $1.042 billion, 2.56 percent ($26 million) higher than the estimate of $1.016 billion obtained in the original 1979 survey.

- One very large museum accounted for most (80 percent) of the $26 million national difference between total verified and original operating expenditures.

- The comparable 1978 estimate was $976 million, reflecting a 7 percent increase from 1978 to 1979 ($1.042 billion).

The complete methodology, findings, and recommendations are reported in the Verification Study Of the 1979 Museum Program Survey Operating Expenditures, submitted by Macro Systems, Inc., to the National Center for Education Statistics, March 1981.